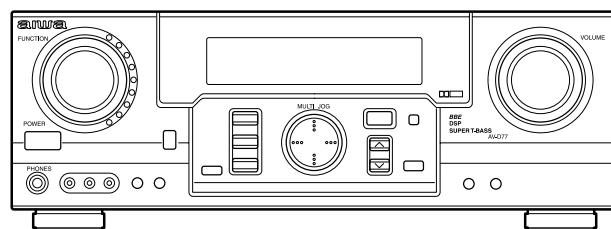




AV-D67

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SERVICE MANUAL

STEREO AV RECEIVER

aiwa
S/M Code No. 09-005-429-6R1

SPECIFICATIONS

FM tuner section		Outputs	AUDIO OUT (REC OUT) : 300 mV (1 kohm)
Tuning range	87.5 MHz to 108 MHz	VIDEO OUT (MONITOR) : 1 Vp-p (75 ohms)	SUPER WOOFER : 5.0 V
Usable sensitivity (IHF)	13.2 dBf	FRONT SPEAKERS IMP : 8 ohms (front speakers A and B) : accepts	speakers of 8 ohms or more
Antenna terminals	75 ohms (unbalanced)	SURROUND SPEAKERS IMP : 8 ohms (surround speakers) : accepts	speakers of 8 ohms or more
AM Tuner section		CENTER SPEAKER IMP : 8 ohms : accepts speaker of 8 ohms or more	PHONES (stereo jack) : accepts
Tuning range	530 kHz to 1710 kHz (10 kHz step) 531 kHz to 1602 kHz (9 kHz step)	headphones of 32 ohms or more	
Usable sensitivity	350 µV/m	-20 dB	
Antenna	Loop antenna		
Amplifier section		Muting	
Power output	[Stereo Mode] Front 160 watts per channel, Min. RMS at 8 ohms, from 40 Hz to 20 kHz, with no more than 0.9 % Total Harmonic Distortion [Dolby Digital Surround or Dolby Pro Logic Mode] Front 100 watts per channel, Min. RMS at 8 ohms, from 40 Hz to 20 kHz, with no more than 0.9 % Total Harmonic Distortion Rear (Surround) 100 watts per channel, Min. RMS at 8 ohms, 1 kHz, with no more than 0.9 % Total Harmonic Distortion Center 100 watts, Min. RMS at 8 ohms, 1 kHz, with no more than 0.9 % Total Harmonic Distortion 0.15 % (80 W, 1kHz, 8 ohms, Front AUDIO IN PHONO : 2.5mV, adjustable (47 kohms) VIDEO 1/DVD/MD, VIDEO 2/LD/TV, VIDEO 3, CD : 300mV, adjustable (47 kohms) TAPE MONITOR : 350mV, adjustable (47 kohms) AUX : 250 mV, adjustable (47 kohms) DIGITAL IN COAXIAL (VIDEO 2) : OPTICAL (VIDEO 1) : OPTICAL (VIDEO 3) : accept linear PCM (32 kHz, 44.1 kHz and 48 kHz) signals and bit stream of Dolby Digital Surround VIDEO IN : 1 Vp-p (75 ohms)	General Power requirements Power consumption Power consumption in standby mode Dimensions (W x H x D) Weight	120 V AC, 60 Hz 200 W ECO OFF : 39.3 W ECO ON : 1.35 W 430 x 155 x 392.5 mm (17 x 6 1/8 x 15 1/2 in.) 11.5 kg (25 lb 6 0Z.)

- Design and specifications are subject to change without notice.
- Manufactured under license from Dolby Laboratories Licensing Corporation.
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ACCESSORIES / PACKAGE LIST

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
1	8A-AR2-903-010	IB,U(ESF)M	
2	87-006-225-010	ANT,LOOP ANT NC2	
3	87-043-115-010	FEEDER-ANT,FM	
4	8A-AR2-701-010	RC UNIT,RC-AAR02 BLK	

ELECTRICAL MAIN PARTS LIST

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION	REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
IC				87-A40-435-080	ZENER,MTZJ30D		
				87-A40-347-080	ZENER,MTZJ2.2B		
87-A21-419-040	C-IC,NJM14558MD-TE2			87-A40-341-080	ZENER,MTZJ36A		
87-A21-501-010	C-IC,YSS902			87-A40-646-010	DIODE,FMB-G16L		
87-A21-503-010	C-IC,AK4527VQ			87-070-136-080	ZENER,MTZJ5.1B		
87-020-903-010	IC,NJM7805FA			87-A40-344-080	ZENER,MTZJ6.2C		
87-017-022-080	C-IC,NJM2068M-D(T1)			87-A40-488-080	DIODE,ISS244		
87-020-784-080	C-IC,TC4053BF			87-A40-348-080	ZENER,MTZJ3.3A		
87-A20-870-010	IC,GP1F37R			87-A40-438-080	ZENER,MTZJ4.7A		
87-001-604-080	C-IC,TC74HCU04M			87-017-931-080	ZENER,MTZJ5.6B		
87-002-298-080	C-IC,TC74HC00AF			87-017-148-080	ZENER,HZS6A1L		
87-A20-736-010	IC,BA033ST						
87-A21-499-040	C-IC,SN74HC153A						
87-A21-502-010	C-IC,YSD917						
87-A20-715-010	IC,M62439SP						
87-017-726-080	C-IC,BU4052BCF						
87-A21-202-040	C-IC,M62445AFP						
87-A21-481-040	C-IC,HD74HC4051FP						
87-017-915-080	C-IC,BU4094BCF						
8A-AR3-601-110	C-IC,UPD780228GF-071						
87-070-083-010	IC,GP1U281X						
87-A20-820-010	IC,BA7625						
87-017-917-080	C-IC,BU4066BCF						
87-A20-913-010	IC,LA1837NL						
87-070-127-110	IC,LC72131D						
TRANSISTOR							
87-A30-197-080	TR,KTA1267GR			C101	87-010-235-080	CAP,E 470-16 M SME	
87-026-245-080	TR,DTC114ES			C102	87-010-235-080	CAP,E 470-16 M SME	
87-A30-198-080	TR,KTC3199GR			C103	87-010-384-080	CAP,E 100-25 M 11L SME	
89-110-372-080	C-TR,2SA1037K(R)			C104	87-016-128-080	CAP,E 22-25 M 105 KME	
87-A30-071-080	C-TR,RT1N 144C			C105	87-010-247-080	CAP,E 100-50 M SME	
89-213-702-010	TR,2SB1370E			C106	87-010-384-080	CAP,E 100-25 M 11L SME	
87-A30-083-080	TR,CSD1489B			C107	87-010-263-080	CAP,E 100-10 M 11L SME	
87-A30-085-040	C-TR,CSA1362GR			C108	87-012-140-080	C-CAP,S 470P-50 J CH	
87-A30-075-080	C-TR,2SA1235F			C109	87-012-368-080	C-CAP,S 0.1-50 Z F	
87-A30-076-080	C-TR,2SC3052F			C110	87-012-368-080	C-CAP,S 0.1-50 Z F	
87-A30-074-080	C-TR,RT1P 141C			C111	87-012-368-080	C-CAP,S 0.1-50 Z F	
87-026-610-080	TR,KTC3198GR			C112	87-012-368-080	C-CAP,S 0.1-50 Z F	
87-A30-073-080	C-TR,RT1N 141C			C113	87-016-658-090	CAP,E 4700-35 M SMG	
87-A30-086-070	C-TR,CSD1306E			C114	87-016-658-090	CAP,E 4700-35 M SMG	
87-026-609-080	TR,KTA1266GR			C115	87-012-368-080	C-CAP,S 0.1-50 Z F	
87-A30-257-080	C-TR,2SD1306E			C116	87-012-368-080	C-CAP,S 0.1-50 Z F	
87-A30-107-070	C-TR,CMBT5401			C117	87-012-368-080	C-CAP,S 0.1-50 Z F	
87-A30-190-080	TR,CC5551			C118	87-012-368-080	C-CAP,S 0.1-50 Z F	
87-A30-097-010	TR,FN1016			C119	87-A10-416-090	CAP,E 6800-80 SMG VB	
87-A30-098-010	TR,FP1016			C120	87-A10-416-090	CAP,E 6800-80 SMG VB	
87-A30-106-070	C-TR,CMBT5551			C121	87-010-260-080	CAP,E 47-25 M 11L SME	
87-A30-186-010	FET,2SK3053			C122	87-010-403-080	CAP,E 3.3-50 M 11L SME	
87-A30-072-080	C-TR,RT1P 144C			C123	87-010-385-080	CAP,E 220-25 M SME	
87-026-236-080	C-TR,DTC124EK			C124	87-010-385-080	CAP,E 220-25 M SME	
87-026-232-080	C-TR,DTA144WK			C125	87-010-247-080	CAP,E 100-50 M SME	
87-026-608-080	C-TR,DTC123JK			C126	87-010-263-080	CAP,E 100-10 M 11L SME	
89-112-965-080	TR,2SA1296GR			C127	87-010-197-080	C-CAP,S 0.01-25 K B C2012	
87-A30-087-080	C-FET,2SK2158			C128	87-010-197-080	C-CAP,S 0.01-25 K B C2012	
89-327-143-080	TR,2SC27140			C131	87-010-544-080	CAP,E 0.1-50 M 11L SME	
87-A30-196-080	TR,2SC4115SRS			C133	87-010-404-080	CAP,E 4.7-50 M 11L SME	
DIODE				C135	87-012-368-080	C-CAP,S 0.1-50 Z F	
				C136	87-012-368-080	C-CAP,S 0.1-50 Z F	
87-020-465-080	DIODE,1SS133			C143	87-A10-712-080	C-CAP,S 0.22-50 Z F	
87-A40-291-080	DIODE,1N4148M (CPT)			C144	87-A10-712-080	C-CAP,S 0.22-50 Z F	
87-A40-345-080	ZENER,MTZJ10C			C149	87-010-154-080	C-CAP,S 10P-50 D CH GRM	
87-A40-269-080	C-DIODE,MC2836			C150	87-010-154-080	C-CAP,S 10P-50 D CH GRM	
87-A40-115-060	DIODE,RS603M			C153	87-010-401-080	CAP,E 1-50 M 11L SME	
87-A40-270-080	C-DIODE,MC2838			C154	87-010-401-080	CAP,E 1-50 M 11L SME	
87-A40-004-080	ZENER,MTZJ16A			C155	87-010-196-080	C-CAP,S 0.1-25 Z F C2012	
87-A40-335-080	ZENER,MTZJ11C T-72			C156	87-010-196-080	C-CAP,S 0.1-25 Z F C2012	
87-A40-224-010	DIODE,GBU8DL			C157	87-010-408-080	CAP,E 47-50 M 11L SME	
87-070-274-080	DIODE,1N4003 SEM			C158	87-010-248-080	CAP,E 220-10 M 11L SME	
				C159	87-010-154-080	C-CAP,S 10P-50 D CH GRM	
				C169	87-010-154-080	C-CAP,S 10P-50 D CH GRM	
				C170	87-010-154-080	C-CAP,S 10P-50 D CH GRM	
				C171	87-010-196-080	C-CAP,S 0.1-25 Z F C2012	
				C172	87-010-154-080	C-CAP,S 10P-50 D CH GRM	
				C173	87-010-405-080	CAP,E 10-50 M 11L SME	
				C174	87-010-401-080	CAP,E 1-50 M 11L SME	
				C175	87-010-196-080	C-CAP,S 0.1-25 Z F C2012	
				C203	87-010-178-080	C-CAP,S 1000P-50 K B C2012	
				C204	87-010-178-080	C-CAP,S 1000P-50 K B C2012	
				C205	87-010-405-080	CAP,E 10-50 M 11L SME	
				C206	87-010-405-080	CAP,E 10-50 M 11L SME	
				C209	87-010-406-080	CAP,E 22-50 M 11L SME	

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION	REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
C210	87-010-406-080		CAP,E 22-50 M 11L SME	C413	87-010-196-080		C-CAP,S 0.1-25 Z F C2012
C211	87-010-322-080		C-CAP,S 100P-50 J CH GRM	C414	87-010-178-080		C-CAP,S 1000P-50 K B C2012
C212	87-010-322-080		C-CAP,S 100P-50 J CH GRM	C416	87-016-299-080		CAP,E 10-100 M SME
C215	87-A10-897-080		CAP,E 100-25 BP SME	C420	87-A10-354-080		C-CAP,S 0.047-50 K B
C216	87-A10-897-080		CAP,E 100-25 BP SME	C485	87-010-186-080		C-CAP,S 4700P-50 K B C2012
C217	87-A10-516-080		C-CAP,S 100P-200 J CH	C491	87-012-368-080		C-CAP,S 0.1-50 Z F
C218	87-A10-516-080		C-CAP,S 100P-200 J CH	C492	87-012-368-080		C-CAP,S 0.1-50 Z F
C221	87-016-526-080		C-CAP,S 0.47-16 BK	C493	87-010-190-080		C-CAP,S 0.01-50 Z F C2012
C222	87-016-526-080		C-CAP,S 0.47-16 BK	C501	87-010-404-080		CAP,E 4.7-50 M 11L SME
C223	87-010-402-080		CAP,E 2.2-50 M 11L SME	C502	87-010-404-080		CAP,E 4.7-50 M 11L SME
C224	87-010-402-080		CAP,E 2.2-50 M 11L SME	C503	87-012-157-080		C-CAP,S 330P-50 J CH GRM
C225	87-010-196-080		C-CAP,S 0.1-25 Z F C2012	C504	87-012-157-080		C-CAP,S 330P-50 J CH GRM
C226	87-016-251-080		CAP,E 220-16 M SMG	C511	87-010-404-080		CAP,E 4.7-50 M 11L SME
C227	87-010-178-080		C-CAP,S 1000P-50 K B C2012	C512	87-010-404-080		CAP,E 4.7-50 M 11L SME
C228	87-010-178-080		C-CAP,S 1000P-50 K B C2012	C513	87-010-260-080		CAP,E 47-25 M 11L SME
C229	87-016-251-080		CAP,E 220-16 M SMG	C514	87-010-260-080		CAP,E 47-25 M 11L SME
C230	87-A10-354-080		C-CAP,S 0.047-50 K B	C515	87-010-370-080		CAP,E 330-6.3 M SME
C231	87-A10-354-080		C-CAP,S 0.047-50 K B	C516	87-010-370-080		CAP,E 330-6.3 M SME
C285	87-010-186-080		C-CAP,S 4700P-50 K B C2012	C517	87-010-196-080		C-CAP,S 0.1-25 Z F C2012
C287	87-010-190-080		C-CAP,S 0.01-50 Z F C2012	C518	87-010-196-080		C-CAP,S 0.1-25 Z F C2012
C288	87-010-190-080		C-CAP,S 0.01-50 Z F C2012	C519	87-010-196-080		C-CAP,S 0.1-25 Z F C2012
C289	87-010-190-080		C-CAP,S 0.01-50 Z F C2012	C520	87-010-196-080		C-CAP,S 0.1-25 Z F C2012
C290	87-010-190-080		C-CAP,S 0.01-50 Z F C2012	C531	87-010-213-080		C-CAP,S 0.015-25 K B GRM
C291	87-012-368-080		C-CAP,S 0.1-50 Z F	C532	87-010-992-080		C-CAP,S 0.047-25 K B MK212
C292	87-012-368-080		C-CAP,S 0.1-50 Z F	C533	87-015-785-080		C-CAP,S 0.1-25 Z F C3216
C293	87-012-368-080		C-CAP,S 0.1-50 Z F	C535	87-010-404-080		CAP,E 4.7-50 M 11L SME
C294	87-012-368-080		C-CAP,S 0.1-50 Z F	C536	87-010-404-080		CAP,E 4.7-50 M 11L SME
C295	87-012-368-080		C-CAP,S 0.1-50 Z F	C539	87-010-401-080		CAP,E 1-50 M 11L SME
C296	87-012-368-080		C-CAP,S 0.1-50 Z F	C540	87-010-401-080		CAP,E 1-50 M 11L SME
C297	87-012-368-080		C-CAP,S 0.1-50 Z F	C541	87-010-185-080		C-CAP,S 3900P-50 K B
C298	87-012-368-080		C-CAP,S 0.1-50 Z F	C542	87-010-185-080		C-CAP,S 3900P-50 K B
C303	87-010-179-080		C-CAP,S 1200P-50 K B GRM	C547	87-010-404-080		CAP,E 4.7-50 M 11L SME
C304	87-010-179-080		C-CAP,S 1200P-50 K B GRM	C548	87-010-404-080		CAP,E 4.7-50 M 11L SME
C305	87-010-405-080		CAP,E 10-50 M 11L SME	C549	87-016-081-080		C-CAP,S 0.1-16 K R GRM
C306	87-010-405-080		CAP,E 10-50 M 11L SME	C550	87-016-081-080		C-CAP,S 0.1-16 K R GRM
C308	87-016-299-080		CAP,E 10-100 M SME	C554	87-010-196-080		C-CAP,S 0.1-25 Z F C2012
C309	87-010-406-080		CAP,E 22-50 M 11L SME	C555	87-010-405-080		CAP,E 10-50 M 11L SME
C310	87-010-406-080		CAP,E 22-50 M 11L SME	C556	87-010-248-080		CAP,E 220-10 M 11L SME
C311	87-010-322-080		C-CAP,S 100P-50 J CH GRM	C557	87-010-405-080		CAP,E 10-50 M 11L SME
C312	87-010-322-080		C-CAP,S 100P-50 J CH GRM	C559	87-010-183-080		C-CAP,S 2700P-50 K B GRM
C315	87-A10-897-080		CAP,E 100-25 BP SME	C560	87-010-196-080		C-CAP,S 0.1-25 Z F C2012
C316	87-A10-897-080		CAP,E 100-25 BP SME	C561	87-012-140-080		C-CAP,S 470P-50 J CH
C317	87-A10-516-080		C-CAP,S 100P-200 J CH	C562	87-012-140-080		C-CAP,S 470P-50 J CH
C318	87-A10-516-080		C-CAP,S 100P-200 J CH	C565	87-010-404-080		CAP,E 4.7-50 M 11L SME
C321	87-016-526-080		C-CAP,S 0.47-16 BK	C566	87-010-404-080		CAP,E 4.7-50 M 11L SME
C322	87-016-526-080		C-CAP,S 0.47-16 BK	C605	87-010-405-080		CAP,E 10-50 M 11L SME
C323	87-010-402-080		CAP,E 2.2-50 M 11L SME	C606	87-010-405-080		CAP,E 10-50 M 11L SME
C324	87-010-402-080		CAP,E 2.2-50 M 11L SME	C701	87-010-196-080		C-CAP,S 0.1-25 Z F C2012
C325	87-010-196-080		C-CAP,S 0.1-25 Z F C2012	C702	87-010-196-080		C-CAP,S 0.1-25 Z F C2012
C327	87-010-178-080		C-CAP,S 1000P-50 K B C2012	C723	87-010-401-080		CAP,E 1-50 M 11L SME
C328	87-010-178-080		C-CAP,S 1000P-50 K B C2012	C726	87-010-405-080		CAP,E 10-50 M 11L SME
C330	87-A10-354-080		C-CAP,S 0.047-50 K B	C745	87-012-368-080		C-CAP,S 0.1-50 Z F
C331	87-A10-354-080		C-CAP,S 0.047-50 K B	C746	87-012-368-080		C-CAP,S 0.1-50 Z F
C334	87-A10-918-080		CAP,E 100-16 SMG	C901	87-010-406-080		CAP,E 22-50 M 11L SME
C335	87-A10-918-080		CAP,E 100-16 SMG	C902	87-010-406-080		CAP,E 22-50 M 11L SME
C385	87-010-186-080		C-CAP,S 4700P-50 K B C2012	C903	87-010-406-080		CAP,E 22-50 M 11L SME
C391	87-012-368-080		C-CAP,S 0.1-50 Z F	C904	87-010-406-080		CAP,E 22-50 M 11L SME
C392	87-012-368-080		C-CAP,S 0.1-50 Z F	C905	87-010-406-080		CAP,E 22-50 M 11L SME
C393	87-012-368-080		C-CAP,S 0.1-50 Z F	C906	87-010-260-080		CAP,E 47-25 M 11L SME
C394	87-012-368-080		C-CAP,S 0.1-50 Z F	C907	87-010-196-080		C-CAP,S 0.1-25 Z F C2012
C395	87-010-190-080		C-CAP,S 0.01-50 Z F C2012	C908	87-010-387-080		CAP,E 470-25 M SME
C396	87-010-190-080		C-CAP,S 0.01-50 Z F C2012	C909	87-010-371-080		CAP,E 470-6.3 M SME
C402	87-010-181-080		C-CAP,S 1800P-50 K B GRM	C910	87-010-371-080		CAP,E 470-6.3 M SME
C403	87-010-405-080		CAP,E 10-50 M 11L SME	C911	87-010-371-080		CAP,E 470-6.3 M SME
C405	87-010-406-080		CAP,E 22-50 M 11L SME	C912	87-010-196-080		C-CAP,S 0.1-25 Z F C2012
C406	87-010-322-080		C-CAP,S 100P-50 J CH GRM	C913	87-010-196-080		C-CAP,S 0.1-25 Z F C2012
C408	87-A10-897-080		CAP,E 100-25 BP SME	C914	87-010-196-080		C-CAP,S 0.1-25 Z F C2012
C409	87-A10-516-080		C-CAP,S 100P-200 J CH	C915	87-010-196-080		C-CAP,S 0.1-25 Z F C2012
C411	87-016-526-080		C-CAP,S 0.47-16 BK	CN110	87-A60-621-010		CONN,4P V 2MM JMT
C412	87-010-402-080		CAP,E 2.2-50 M 11L SME	CN501	87-A60-039-010		CONN,32P V 9604S-32C

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION	REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
CN502	87-A60-054-010		CONN, 14P V 9604S-14C	WH101	87-A90-510-010		HLDR, WIRE 2.5-9P
CN503	87-A60-056-010		CONN, 12P V 9604S-12C				
CN504	87-099-574-010		CONN, 20P TUC-P20P-B1	FRONT	C.B		
CN505	87-A60-189-010		CONN, 16P V TUC-P16P-B1				
CN901	87-A60-619-010		CONN, 2P V 2MM JMT	C707	87-010-382-040	CAP, E 22-25 M 11L SME	
FB501	87-008-372-080		FLTR, EMI BL01 RN1	C708	87-010-382-040	CAP, E 22-25 M 11L SME	
FB602	87-008-372-080		FLTR, EMI BL01 RN1	C709	87-010-382-040	CAP, E 22-25 M 11L SME	
J201	87-A60-199-010		TERMINAL, SP 8P CJ-9034-07 V0	C710	87-010-382-040	CAP, E 22-25 M 11L SME	
J301	87-A60-200-110		TERMINAL, SP 6P CJ-9033-21-3 V0	C711	87-010-263-040	CAP, E 100-10 M 11L SME	
J501	87-099-609-010		JACK, PIN 4P BLK W/O SW	C712	87-010-382-040	CAP, E 22-25 M 11L SME	
J502	87-099-609-010		JACK, PIN 4P BLK W/O SW	C714	87-010-560-040	CAP, E 10-50 M 5L MA	
J715	87-A60-244-010		JACK, PIN 1P BLK W/O SW	C715	87-010-318-080	C-CAP, S 47P-50 J CH GRM	
J901	87-099-911-010		JACK, PIN 3P YEL W/O SW	C716	87-010-318-080	C-CAP, S 47P-50 J CH GRM	
J902	87-099-912-010		JACK, PIN 3P YEL W/O SW W/E	C717	87-010-318-080	C-CAP, S 47P-50 J CH GRM	
J903	87-099-911-010		JACK, PIN 3P YEL W/O SW	C718	87-015-699-040	CAP, E 10-50 M 7L SRA	
J904	87-099-911-010		JACK, PIN 3P YEL W/O SW	C719	87-015-699-040	CAP, E 10-50 M 7L SRA	
J905	87-099-911-010		JACK, PIN 3P YEL W/O SW	C720	87-010-322-080	C-CAP, S 100P-50 J CH GRM	
L291	87-003-383-010		COIL, 1UH K	C721	87-010-318-080	C-CAP, S 47P-50 J CH GRM	
L292	87-003-383-010		COIL, 1UH K	C722	87-010-318-080	C-CAP, S 47P-50 J CH GRM	
L293	87-003-383-010		COIL, 1UH K	C723	87-010-405-040	CAP, E 10-50 M 11L SME	
L294	87-003-383-010		COIL, 1UH K	C801	87-010-322-080	C-CAP, S 100P-50 J CH GRM	
L391	87-003-383-010		COIL, 1UH K	C802	87-010-322-080	C-CAP, S 100P-50 J CH GRM	
L392	87-003-383-010		COIL, 1UH K	C803	87-010-196-080	C-CAP, S 0.1-25 Z F C2012	
L491	87-003-383-010		COIL, 1UH K	C805	87-010-198-080	C-CAP, S 0.022-25 K B C2012	
L901	87-005-239-080		COIL, 100UH K LAL03	C806	87-010-400-040	CAP, E 0.47-50 M 11L SME	
JW177	87-008-372-080		FLTR, EMI BL01 RN1	C807	87-010-196-080	C-CAP, S 0.1-25 Z F C2012	
PR101	87-026-691-080		FUSE, 10A 125V 251	C808	87-010-498-040	CAP, E 10-16 M 5L SRE	
PR104	87-026-691-080		FUSE, 10A 125V 251	C809	87-010-196-080	C-CAP, S 0.1-25 Z F C2012	
PR201	87-026-691-080		FUSE, 10A 125V 251	C810	87-010-196-080	C-CAP, S 0.1-25 Z F C2012	
PR202	87-026-691-080		FUSE, 10A 125V 251	C811	87-A10-189-040	CAP, E 220-10 M 5L	
PR301	87-026-691-080		FUSE, 10A 125V 251	C812	87-A10-189-040	CAP, E 220-10 M 5L	
PR302	87-026-691-080		FUSE, 10A 125V 251	C814	87-010-178-080	C-CAP, S 1000P-50 K B C2012	
PR401	87-026-691-080		FUSE, 10A 125V 251	C816	87-010-312-080	C-CAP, S 15P-50 J CH GRM	
PR402	87-026-691-080		FUSE, 10A 125V 251	C817	87-012-155-080	C-CAP, S 180P-50 J CH GRM	
R109	87-029-060-080		RES, FUSE 33-1/4W J	C818	87-010-178-080	C-CAP, S 1000P-50 K B C2012	
R143	87-A00-261-080		RES, M/F 0.56-1W J	C819	87-012-156-080	C-CAP, S 220P-50 J CH GRM	
R176	87-A00-401-050		RES, M/F 390-1W J VTP	C820	87-012-156-080	C-CAP, S 220P-50 J CH GRM	
R179	87-A00-402-050		RES, M/F 560-1W J VTP	C821	87-010-178-080	C-CAP, S 1000P-50 K B C2012	
R211	87-A00-598-010		RES, M/F 0.15-3W J-8.5MM	C822	87-010-182-080	C-CAP, S 2200P-50 K B C2012	
R212	87-A00-598-010		RES, M/F 0.15-3W J-8.5MM	C823	87-010-182-080	C-CAP, S 2200P-50 K B C2012	
R231	87-A00-598-010		RES, M/F 0.15-3W J-8.5MM	C824	87-010-182-080	C-CAP, S 2200P-50 K B C2012	
R232	87-A00-598-010		RES, M/F 0.15-3W J-8.5MM	C825	87-010-196-080	C-CAP, S 0.1-25 Z F C2012	
R233	87-A00-598-010		RES, M/F 0.15-3W J-8.5MM	C826	87-010-405-040	CAP, E 10-50 M 11L SME	
R234	87-A00-598-010		RES, M/F 0.15-3W J-8.5MM	C827	87-010-198-080	C-CAP, S 0.022-25 K B C2012	
R281	87-A00-126-080		RES, M/F 220-1W J VTP	C828	87-010-197-080	C-CAP, S 0.01-25 K B C2012	
R282	87-A00-126-080		RES, M/F 220-1W J VTP	C829	87-012-156-080	C-CAP, S 220P-50 J CH GRM	
R283	87-A00-126-080		RES, M/F 220-1W J VTP	C830	87-010-197-080	C-CAP, S 0.01-25 K B C2012	
R284	87-A00-126-080		RES, M/F 220-1W J VTP	C831	87-A10-189-040	CAP, E 220-10 M 5L	
R331	87-A00-598-010		RES, M/F 0.15-3W J-8.5MM	C832	87-010-196-080	C-CAP, S 0.1-25 Z F C2012	
R332	87-A00-598-010		RES, M/F 0.15-3W J-8.5MM	C833	87-012-368-080	C-CAP, S 0.1-50 Z F	
R333	87-A00-598-010		RES, M/F 0.15-3W J-8.5MM	C834	87-012-368-080	C-CAP, S 0.1-50 Z F	
R334	87-A00-598-010		RES, M/F 0.15-3W J-8.5MM	C835	87-012-368-080	C-CAP, S 0.1-50 Z F	
R416	87-A00-598-010		RES, M/F 0.15-3W J-8.5MM	C836	87-012-157-080	C-CAP, S 330P-50 J CH GRM	
R417	87-A00-598-010		RES, M/F 0.15-3W J-8.5MM	C837	87-012-157-080	C-CAP, S 330P-50 J CH GRM	
R424	87-A00-598-010		RES, M/F 0.15-3W J-8.5MM	C838	87-012-157-080	C-CAP, S 330P-50 J CH GRM	
R587	87-A00-126-080		RES, M/F 220-1W J VTP	C839	87-012-157-080	C-CAP, S 330P-50 J CH GRM	
R590	87-A00-598-010		RES, M/F 0.15-3W J-8.5MM	C840	87-012-157-080	C-CAP, S 330P-50 J CH GRM	
R611	87-A00-598-010		RES, M/F 0.15-3W J-8.5MM	C841	87-012-157-080	C-CAP, S 330P-50 J CH GRM	
R902	87-010-196-080		C-CAP, S 0.1-25 Z F C2012	C842	87-012-157-080	C-CAP, S 330P-50 J CH GRM	
R905	87-010-317-080		C-CAP, S 39P-50 J CH	C843	87-012-157-080	C-CAP, S 330P-50 J CH GRM	
RY281	87-A91-686-010		RELAY, G5PA-28(OMRON)	C844	87-012-157-080	C-CAP, S 330P-50 J CH GRM	
RY481	87-A91-686-010		RELAY, G5PA-28(OMRON)	C845	87-012-157-080	C-CAP, S 330P-50 J CH GRM	
RY801	87-A91-686-010		RELAY, G5PA-28(OMRON)	C846	87-012-157-080	C-CAP, S 330P-50 J CH GRM	
S291	87-A90-174-010		SW, PUSH 2-2-2 R2121382ES	C849	87-012-368-080	C-CAP, S 0.1-50 Z F	
S292	87-A90-174-010		SW, PUSH 2-2-2 R2121382ES	C850	87-010-408-040	CAP, E 47-50 M 11L SME	
TH201	87-A91-081-080		C-THMS, 100K-K 20P	C852	87-010-322-080	C-CAP, S 100P-50 J CH GRM	
TH202	87-A91-081-080		C-THMS, 100K-K 20P	C853	87-010-154-080	C-CAP, S 10P-50 D CH GRM	
TH301	87-A91-081-080		C-THMS, 100K-K 20P	C854	87-010-154-080	C-CAP, S 10P-50 D CH GRM	
TH302	87-A91-081-080		C-THMS, 100K-K 20P	C855	87-010-154-080	C-CAP, S 10P-50 D CH GRM	
TH401	87-A91-081-080		C-THMS, 100K-K 20P				

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION	REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
C856	87-010-154-080	C-CAP,S 10P-50 D CH GRM		C135	87-010-101-080	CAP,E 220-16 M SME	
C857	87-010-154-080	C-CAP,S 10P-50 D CH GRM		C136	87-010-263-080	CAP,E 100-10 M 11L SME	
C858	87-010-322-080	C-CAP,S 100P-50 J CH GRM		C137	87-010-196-080	C-CAP,S 0.1-25 Z F C2012	
C859	87-010-154-080	C-CAP,S 10P-50 D CH GRM		C138	87-010-196-080	C-CAP,S 0.1-25 Z F C2012	
C860	87-010-154-080	C-CAP,S 10P-50 D CH GRM		C139	87-010-314-080	C-CAP,S 22P-50 J CH GRM	
C861	87-010-154-080	C-CAP,S 10P-50 D CH GRM		C140	87-010-552-040	CAP,E 22-16 M 5L SRE	
C862	87-010-154-080	C-CAP,S 10P-50 D CH GRM		C141	87-010-196-080	C-CAP,S 0.1-25 Z F C2012	
C864	87-012-157-080	C-CAP,S 330P-50 J CH GRM		C142	87-010-182-080	C-CAP,S 2200P-50 K B C2012	
C866	87-012-140-080	C-CAP,S 470P-50 J CH		C143	87-010-196-080	C-CAP,S 0.1-25 Z F C2012	
CN801	87-A60-079-010	CONN,08P H 9604S-08F		C144	87-010-312-080	C-CAP,S 15P-50 J CH GRM	
CN802	87-A60-064-010	CONN,32P H 9604S-32F		C145	87-012-154-080	C-CAP,S 150P-50 J CH GRM	
CN803	87-099-755-010	CONN,14P H 9604		C146	87-012-154-080	C-CAP,S 150P-50 J CH GRM	
CN805	87-A60-076-010	CONN,12P H 9604S-12F		C147	87-010-405-080	CAP,E 10-50 M 11L SME	
FL801	8A-AR1-602-010	FL,BJ759GK		C148	87-010-196-080	C-CAP,S 0.1-25 Z F C2012	
L801	87-A50-434-010	COIL,CLK 4.19M(TOKO)		C149	87-010-196-080	C-CAP,S 0.1-25 Z F C2012	
LED703	87-A40-317-010	LED,SLR-342VCT31 RED		C150	87-010-405-080	CAP,E 10-50 M 11L SME	
LED704	87-A40-317-080	LED,SLR-342VCT31 RED		C151	87-010-405-080	CAP,E 10-50 M 11L SME	
LED705	87-A40-317-080	LED,SLR-342VCT31 RED		C152	87-010-405-080	CAP,E 10-50 M 11L SME	
LED706	87-A40-317-080	LED,SLR-342VCT31 RED		C153	87-010-178-080	C-CAP,S 1000P-50 K B C2012	
LED707	87-A40-317-080	LED,SLR-342VCT31 RED		C154	87-010-178-080	C-CAP,S 1000P-50 K B C2012	
LED708	87-A40-317-080	LED,SLR-342VCT31 RED		C155	87-A10-369-080	C-CAP,S 0.47-16 K B	
LED709	87-A40-317-080	LED,SLR-342VCT31 RED		C156	87-010-154-080	C-CAP,S 10P-50 D CH GRM	
LED710	87-A40-317-080	LED,SLR-342VCT31 RED		C157	87-012-154-080	C-CAP,S 150P-50 J CH GRM	
LED711	87-A40-317-080	LED,SLR-342VCT31 RED		C158	87-012-154-080	C-CAP,S 150P-50 J CH GRM	
LED712	87-A40-317-080	LED,SLR-342VCT31 RED		C159	87-010-178-080	C-CAP,S 1000P-50 K B C2012	
S801	87-A90-095-080	SW,TACT EVQ11G04M		C160	87-010-178-080	C-CAP,S 1000P-50 K B C2012	
S802	87-A90-095-080	SW,TACT EVQ11G04M		C161	87-010-405-080	CAP,E 10-50 M 11L SME	
S806	87-A90-095-080	SW,TACT EVQ11G04M		C162	87-010-405-080	CAP,E 10-50 M 11L SME	
S807	87-A90-095-080	SW,TACT EVQ11G04M		C163	87-010-196-080	C-CAP,S 0.1-25 Z F C2012	
S808	87-A90-095-080	SW,TACT EVQ11G04M		C164	87-010-196-080	C-CAP,S 0.1-25 Z F C2012	
S809	87-A90-095-080	SW,TACT EVQ11G04M		C165	87-A10-369-080	C-CAP,S 0.47-16 K B	
S812	87-A90-095-080	SW,TACT EVQ11G04M		C166	87-010-405-080	CAP,E 10-50 M 11L SME	
S813	87-A90-095-080	SW,TACT EVQ11G04M		C167	87-010-405-080	CAP,E 10-50 M 11L SME	
S814	87-A90-095-080	SW,TACT EVQ11G04M		C168	87-010-401-080	CAP,E 1-50 M 11L SME	
S816	87-A90-095-080	SW,TACT EVQ11G04M		C169	87-012-154-080	C-CAP,S 150P-50 J CH GRM	
S817	87-A90-095-080	SW,TACT EVQ11G04M		C170	87-012-154-080	C-CAP,S 150P-50 J CH GRM	
SW801	87-A91-646-010	SW,RTRY EC12E12204		C171	87-010-178-080	C-CAP,S 1000P-50 K B C2012	
SW802	87-A91-647-010	SW,RTRY EC12E12504		C172	87-010-178-080	C-CAP,S 1000P-50 K B C2012	
DIGITAL C.B				C173	87-010-196-080	C-CAP,S 0.1-25 Z F C2012	
				C174	87-010-196-080	C-CAP,S 0.1-25 Z F C2012	
C100	87-010-197-080	C-CAP,S 0.01-25 K B C2012		C175	87-010-196-080	C-CAP,S 0.1-25 Z F C2012	
C101	87-010-196-080	C-CAP,S 0.1-25 Z F C2012		C176	87-010-196-080	C-CAP,S 0.1-25 Z F C2012	
C102	87-010-374-080	CAP,E 47-10 M 11L SME		C177	87-A10-369-080	C-CAP,S 0.47-16 K B	
C105	87-012-140-080	C-CAP,S 470P-50 J CH		C178	87-010-196-080	C-CAP,S 0.1-25 Z F C2012	
C106	87-010-197-080	C-CAP,S 0.01-25 K B C2012		C179	87-010-196-080	C-CAP,S 0.1-25 Z F C2012	
C107	87-010-196-080	C-CAP,S 0.1-25 Z F C2012		C180	87-010-405-080	CAP,E 10-50 M 11L SME	
C108	87-010-196-080	C-CAP,S 0.1-25 Z F C2012		C181	87-010-405-080	CAP,E 10-50 M 11L SME	
C109	87-010-196-080	C-CAP,S 0.1-25 Z F C2012		C182	87-010-405-080	CAP,E 10-50 M 11L SME	
C110	87-010-196-080	C-CAP,S 0.1-25 Z F C2012		C183	87-010-196-080	C-CAP,S 0.1-25 Z F C2012	
C111	87-010-196-080	C-CAP,S 0.1-25 Z F C2012		C184	87-010-196-080	C-CAP,S 0.1-25 Z F C2012	
C112	87-010-404-080	CAP,E 4.7-50 M 11L SME		C185	87-010-405-080	CAP,E 10-50 M 11L SME	
C113	87-010-196-080	C-CAP,S 0.1-25 Z F C2012		C186	87-010-405-080	CAP,E 10-50 M 11L SME	
C114	87-010-196-080	C-CAP,S 0.1-25 Z F C2012		C187	87-016-083-080	C-CAP,S 0.15-16 K R	
C115	87-010-374-080	CAP,E 47-10 M 11L SME		C188	87-016-083-080	C-CAP,S 0.15-16 K R	
C118	87-010-402-080	CAP,E 2.2-50 M 11L SME		C189	87-016-083-080	C-CAP,S 0.15-16 K R	
C119	87-010-196-080	C-CAP,S 0.1-25 Z F C2012		C190	87-010-405-080	CAP,E 10-50 M 11L SME	
C120	87-010-196-080	C-CAP,S 0.1-25 Z F C2012		C191	87-010-196-080	C-CAP,S 0.1-25 Z F C2012	
C121	87-010-263-080	CAP,E 100-10 M 11L SME		C192	87-010-196-080	C-CAP,S 0.1-25 Z F C2012	
C122	87-010-311-080	C-CAP,S 12P-50 J CH GRM		C193	87-010-154-080	C-CAP,S 10P-50 D CH GRM	
C123	87-010-313-080	C-CAP,S 18P-50 J CH GRM		C194	87-010-154-080	C-CAP,S 10P-50 D CH GRM	
C125	87-010-196-080	C-CAP,S 0.1-25 Z F C2012		C195	87-010-405-080	CAP,E 10-50 M 11L SME	
C126	87-010-196-080	C-CAP,S 0.1-25 Z F C2012		C196	87-010-196-080	C-CAP,S 0.1-25 Z F C2012	
C127	87-010-101-080	CAP,E 220-16 M SME		C197	87-010-405-080	CAP,E 10-50 M 11L SME	
C128	87-010-196-080	C-CAP,S 0.1-25 Z F C2012		C198	87-010-196-080	C-CAP,S 0.1-25 Z F C2012	
C129	87-010-101-080	CAP,E 220-16 M SME		C199	87-A10-369-080	C-CAP,S 0.47-16 K B	
C130	87-010-182-080	C-CAP,S 2200P-50 K B C2012		C201	87-010-154-080	C-CAP,S 10P-50 D CH GRM	
C131	87-010-263-080	CAP,E 100-10 M 11L SME		C202	87-010-154-080	C-CAP,S 10P-50 D CH GRM	
C132	87-010-263-080	CAP,E 100-10 M 11L SME		C203	87-010-196-080	C-CAP,S 0.1-25 Z F C2012	
C133	87-010-196-080	C-CAP,S 0.1-25 Z F C2012		C204	87-010-196-080	C-CAP,S 0.1-25 Z F C2012	
				C205	87-A10-369-080	C-CAP,S 0.47-16 K B	

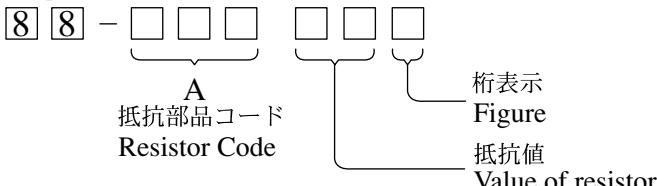
REF. NO.	PART NO.	KANRI NO.	DESCRIPTION	REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
C206	87-010-401-080	CAP,E 1-50 M 11L SME	L104	87-008-501-080	FLTR, DSS306-55		
C207	87-010-405-080	CAP,E 10-50 M 11L SME	L106	87-008-372-080	FLTR,EMI BL01 RN1		
C208	87-010-405-080	CAP,E 10-50 M 11L SME	L107	87-008-501-080	FLTR, DSS306-55		
C209	87-010-154-080	C-CAP,S 10P-50 D CH GRM	L108	87-008-501-080	FLTR, DSS306-55		
C210	87-010-154-080	C-CAP,S 10P-50 D CH GRM	X102	87-A70-243-010	VIB,XTAL 24.576MHZ		
C211	87-010-196-080	C-CAP,S 0.1-25 Z F C2012	VOLUME C.B				
C212	87-010-196-080	C-CAP,S 0.1-25 Z F C2012	C601	87-010-195-080	C-CAP,S 0.068-25 Z F C2012		
C213	87-A10-369-080	C-CAP,S 0.47-16 K B	C602	87-010-195-080	C-CAP,S 0.068-25 Z F C2012		
C214	87-010-405-080	CAP,E 10-50 M 11L SME	C603	87-010-195-080	C-CAP,S 0.068-25 Z F C2012		
C215	87-010-405-080	CAP,E 10-50 M 11L SME	C604	87-010-195-080	C-CAP,S 0.068-25 Z F C2012		
C216	87-010-405-080	CAP,E 10-50 M 11L SME	C605	87-010-195-080	C-CAP,S 0.068-25 Z F C2012		
C219	87-010-993-080	C-CAP,S 0.056-25 K B MK212	C606	87-010-805-080	C-CAP,S 1-16 Z F		
C220	87-A10-369-080	C-CAP,S 0.47-16 K B	C607	87-010-178-080	C-CAP,S 1000P-50 K B C2012		
C221	87-010-322-080	C-CAP,S 100P-50 J CH GRM	C608	87-010-186-080	C-CAP,S 4700P-50 K B C2012		
C222	87-010-196-080	C-CAP,S 0.1-25 Z F C2012	C610	87-010-196-080	C-CAP,S 0.1-25 Z F C2012		
C223	87-010-154-080	C-CAP,S 10P-50 D CH GRM	C611	87-010-196-080	C-CAP,S 0.1-25 Z F C2012		
C224	87-010-196-080	C-CAP,S 0.1-25 Z F C2012	C612	87-010-196-080	C-CAP,S 0.1-25 Z F C2012		
C227	87-010-405-080	CAP,E 10-50 M 11L SME	C613	87-010-196-080	C-CAP,S 0.1-25 Z F C2012		
C228	87-010-405-080	CAP,E 10-50 M 11L SME	C614	87-010-196-080	C-CAP,S 0.1-25 Z F C2012		
C236	87-010-196-080	C-CAP,S 0.1-25 Z F C2012	C615	87-010-196-080	C-CAP,S 0.1-25 Z F C2012		
C237	87-010-196-080	C-CAP,S 0.1-25 Z F C2012	C634	87-010-374-080	CAP,E 47-10 M 11L SME		
C238	87-010-314-080	C-CAP,S 22P-50 J CH GRM	C635	87-A11-148-080	CAP,TC U 0.1-50 Z F		
C239	87-010-196-080	C-CAP,S 0.1-25 Z F C2012	CN601	87-A60-076-010	CONN,12P H 9604S-12F		
C240	87-010-314-080	C-CAP,S 22P-50 J CH GRM	CN603	87-A60-080-010	CONN,07P H 9604S-07F		
C241	87-010-405-080	CAP,E 10-50 M 11L SME	S601	87-A90-095-080	SW,TACT EVQ11G04M		
C242	87-010-196-080	C-CAP,S 0.1-25 Z F C2012	S602	87-A90-095-080	SW,TACT EVQ11G04M		
C243	87-012-156-080	C-CAP,S 220P-50 J CH GRM	SW601	87-A91-645-010	SW,RTRY EC12E24304NON-CLICK		
C245	87-010-196-080	C-CAP,S 0.1-25 Z F C2012					
C253	87-010-263-080	CAP,E 100-10 M 11L SME					
C255	87-010-378-080	CAP,E 10-16 M 11L SME					
C268	87-010-197-080	C-CAP,S 0.01-25 K B C2012	VIDEO C.B				
C272	87-010-186-080	C-CAP,S 4700P-50 K B C2012	C501	87-A11-148-080	CAP,TC U 0.1-50 Z F		
C273	87-010-196-080	C-CAP,S 0.1-25 Z F C2012	C502	87-A11-148-080	CAP,TC U 0.1-50 Z F		
C274	87-010-182-080	C-CAP,S 2200P-50 K B C2012	C503	87-010-188-080	C-CAP,S 6800P-50 K B C2012		
C275	87-010-263-080	CAP,E 100-10 M 11L SME	C504	87-010-188-080	C-CAP,S 6800P-50 K B C2012		
C278	87-010-196-080	C-CAP,S 0.1-25 Z F C2012	C507	87-A11-148-080	CAP,TC U 0.1-50 Z F		
C280	87-010-401-080	CAP,E 1-50 M 11L SME	CN604	87-099-201-010	CONN,8P H BLK 6216		
C281	87-010-322-080	C-CAP,S 100P-50 J CH GRM	CN605	8A-AR3-652-010	CONN ASSY,2P -VIDEO 3		
C282	87-010-322-080	C-CAP,S 100P-50 J CH GRM	J501	87-A60-948-010	JACK,PIN 3P R/W/Y GLD		
C292	87-010-314-080	C-CAP,S 22P-50 J CH GRM	J603	87-A60-550-010	JACK,DIA6.3 BLK ST W/SW KM		
C301	87-010-401-080	CAP,E 1-50 M 11L SME	PT C.B				
C302	87-010-762-080	CAP,E 220-10 M SME	C1	87-010-387-080	CAP,E 470-25 M SME		
C317	87-016-462-080	C-CAP,S 1-16 Z F	C1	87-018-209-080	CAP,TC U 0.1-50 Z F UP050		
C318	87-016-462-080	C-CAP,S 1-16 Z F	C2	87-010-403-080	CAP,E 3.3-50 M 11L SME		
C336	87-010-405-080	CAP,E 10-50 M 11L SME	C3	87-A11-148-080	CAP,TC U 0.1-50 Z F		
C337	87-010-405-080	CAP,E 10-50 M 11L SME	C4	87-A11-148-080	CAP,TC U 0.1-50 Z F		
C338	87-010-196-080	C-CAP,S 0.1-25 Z F C2012	△ C5	87-A11-148-080	CAP,TC U 0.1-50 Z F		
C339	87-010-405-080	CAP,E 10-50 M 11L SME	△ C7	87-A10-922-090	CAP,CER 0.01-250 M F KH		
C340	87-010-405-080	CAP,E 10-50 M 11L SME	CN101	88-805-042-690	CONN ASSY,4P		
C341	87-010-196-080	C-CAP,S 0.1-25 Z F C2012	CN103	87-A61-057-010	CONN,9P V THL-P09P-A1		
C342	87-010-180-080	C-CAP,S 1500P-50 K B C2012	△ F101	87-035-494-010	FUSE,10A 125V T 237		
C343	87-010-180-080	C-CAP,S 1500P-50 K B C2012	△ FC101	87-A90-160-080	FUSE CLAMP,FC 51F		
C344	87-010-196-080	C-CAP,S 0.1-25 Z F C2012	△ FC102	87-A90-160-080	FUSE CLAMP,FC 51F		
C403	87-010-401-080	CAP,E 1-50 M 11L SME	△ PR105	87-026-682-080	PROTECTOR,10A 491SERIES 60V		
CN101	87-099-563-010	CONN,20P TUC-P20X-B1	△ PR106	87-026-682-080	PROTECTOR,10A 491SERIES 60V		
CN102	87-A60-190-010	CONN,16P H TUC-P16X-B1	△ PT2	8Z-NF8-661-010	PT, SUB ZNF-8 (U)		
CN103	8Z-AR1-635-010	CONN ASSY,4P (DTS,AC-3)	△ PT101	8Z-AR3-601-010	PT,ZAR-3 (U)		
CN105	87-A60-060-010	CONN,07P V 9604S-07C	△ RY1	87-A90-977-010	RELAY,AC12V DG12D1-O(M)		
FB103	87-008-372-080	FLTR,EMI BL01 RN1	△ T1	87-A60-317-010	TERMINAL, 1P MSC		
FB104	87-008-372-080	FLTR,EMI BL01 RN1	△ T2	87-A60-317-010	TERMINAL, 1P MSC		
FB105	87-008-474-080	F-BEAD, BL02RN1-R6T2 EMI	TUNER C.B				
FB108	87-008-474-080	F-BEAD, BL02RN1-R6T2 EMI					
FB110	87-008-372-080	FLTR,EMI BL01 RN1					
FB111	87-008-372-080	FLTR,EMI BL01 RN1					
FB112	87-005-212-080	COIL,220UH K EL0606					
J101	87-A60-573-010	JACK,PIN 1P ORN	C701	87-010-260-080	CAP, ELECT 47-25V		
JR121	87-010-178-080	C-CAP,S 1000P-50 K B C2012	C702	87-010-404-080	CAP, ELECT 4.7-50V		
JW177	87-008-372-080	FLTR,EMI BL01 RN1	C703	87-012-286-080	CAP, U 0.01-25		
L102	87-A50-095-010	COIL,68UH RCR875D	C704	87-012-286-080	CAP, U 0.01-25		
L103	87-005-274-080	COIL,68UH K LAL03	C709	87-012-195-080	C-CAP,U 100P-50CH		

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION	REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
C711	87-010-263-080		CAP, ELECT 100-10V	C789	87-012-275-080		C-CAP,U 1200P-50 B
C712	87-010-196-080		CHIP CAPACITOR, 0.1-25	C790	87-012-275-080		C-CAP,U 1200P-50 B
C713	87-012-286-080		CAP, U 0.01-25	C791	87-010-405-080		CAP, ELECT 10-50V
C714	87-012-286-080		CAP, U 0.01-25	C793	87-012-273-080		C-CAP,U 820P-50 B
C717	87-012-286-080		CAP, U 0.01-25	C794	87-010-406-080		CAP, ELECT 22-50
C719	87-012-286-080		CAP, U 0.01-25	C795	87-010-194-080		C-CAP,S 0.047-25 ZF
C721	87-012-176-080		CAP 15P	C796	87-010-403-080		CAP, ELECT 3.3-50V
C722	87-012-176-080		CAP 15P	C797	87-012-278-080		CAP, U 2200P-50
C723	87-012-274-080		CHIP CAP,U 1000P-50B	C798	87-012-278-080		CAP, U 2200P-50
C725	87-012-274-080		CHIP CAP,U 1000P-50B	C799	87-010-829-080		CAP, U 0.047-16
C727	87-010-196-080		CHIP CAPACITOR, 0.1-25	C812	87-012-286-080		CAP, U 0.01-25
C728	87-010-248-080		CAP, ELECT 220-10V	C813	87-010-196-080		CHIP CAPACITOR, 0.1-25
C755	87-012-286-080		CAP, U 0.01-25	C814	87-012-286-080		CAP, U 0.01-25
C756	87-012-286-080		CAP, U 0.01-25	C819	87-010-197-080		CAP, CHIP 0.01 DM
C757	87-012-188-080		C-CAP,U 47P-50 CH	C820	87-010-260-080		CAP, ELECT 47-25V
C758	87-012-167-080		C-CAP,U 5P-50 CH	C821	87-012-286-080		CAP, U 0.01-25
C761	87-010-196-080		CHIP CAPACITOR, 0.1-25	C822	87-012-286-080		CAP, U 0.01-25
C763	87-010-829-080		CAP, U 0.047-16	C823	87-012-286-080		CAP, U 0.01-25
C764	87-012-337-080		C-CAP,U 56P-50 CH	C828	87-010-196-080		CHIP CAPACITOR, 0.1-25
C765	87-012-286-080		CAP, U 0.01-25	C829	87-010-196-080		CHIP CAPACITOR, 0.1-25
C769	87-010-408-080		CAP, ELECT 47-50 M 11L	C959	87-010-196-080		CHIP CAPACITOR, 0.1-25
C770	87-010-829-080		CAP, U 0.047-16	C960	87-010-196-080		CHIP CAPACITOR, 0.1-25
C771	87-010-383-080		CAP, ELECT 33-25 M 11L	C961	87-012-170-080		C-CAP,U 8P-50 CH
C772	87-010-829-080		CAP, U 0.047-16	CF801	87-008-261-010		FILTER, SFE10.7MA5-A
C773	87-010-196-080		CHIP CAPACITOR, 0.1-25	CF802	87-008-261-010		FILTER, SFE10.7MA5-A
C774	87-010-263-080		CAP, ELECT 100-10V	CN601	87-099-028-010		CONN, 11P 6216 H
C775	87-010-404-080		CAP, ELECT 4.7-50V	FFE801	A8-8ZA-190-030		8ZA-1 FEUNM
C776	87-012-286-080		CAP, U 0.01-25	J801	87-A60-657-010		TERMINAL, 4P HSP-154V5-02
C777	87-010-400-080		CAP, ELECT 0.47-50V	L771	87-A50-266-010		COIL, FM DET-2N(TOK)
C778	87-010-401-080		CAP, ELECT 1-50V	L772	87-A90-733-010		FLTR, PCFAZH-450
C779	87-010-401-080		CAP, ELECT 1-50V	L781	87-005-847-080		COIL, 2.2UH(CECS)
C780	87-010-196-080		CHIP CAPACITOR, 0.1-25	L791	87-A50-209-010		COIL, 1 POLE MPX(MIT)
C781	87-010-405-080		CAP, ELECT 10-50V	L792	87-A50-209-010		COIL, 1 POLE MPX(MIT)
C782	87-010-405-080		CAP, ELECT 10-50V	L832	87-005-847-080		COIL, 2.2UH(CECS)
C783	87-012-286-080		CAP, U 0.01-25	L981	87-NF4-650-010		COIL, AM PACK4N(TOK)
C784	87-012-286-080		CAP, U 0.01-25	X721	87-A70-061-010		VIB, XTAL 4.500MHZ CSA-309
C785	87-010-805-080		CAP, S 1-16				
C786	87-010-805-080		CAP, S 1-16				
C787	87-012-280-080		CAP, U 3300P-50				
C788	87-012-280-080		CAP, U 3300P-50				

○チップ抵抗部品コード／CHIP RESISTOR PART CODE

チップ抵抗部品コードの成り立ち

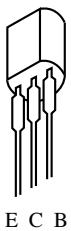
Chip Resistor Part Coding



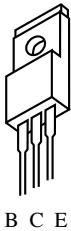
チップ抵抗 Chip resistor

容量 Wattage	種類 Type	許容誤差 Tolerance	記号 Symbol	寸法/Dimensions (mm)			抵抗コード Resistor Code : A
				外形/Form	L	W	
1/16W	1005	± 5%	CJ		1.0	0.5	0.35
1/16W	1608	± 5%	CJ		1.6	0.8	0.45
1/10W	2125	± 5%	CJ		2	1.25	0.45
1/8W	3216	± 5%	CJ		3.2	1.6	0.55

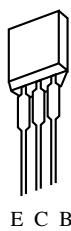
TRANSISTOR ILLUSTRATION



CC5551
2SA1296
KTA1266
KTC3198



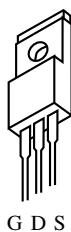
2SB1370
FN1016
FP1016



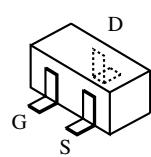
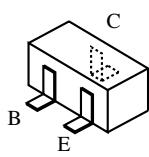
DTC114ES
2SC4115
KTC3199
KTA1267



CSD1489



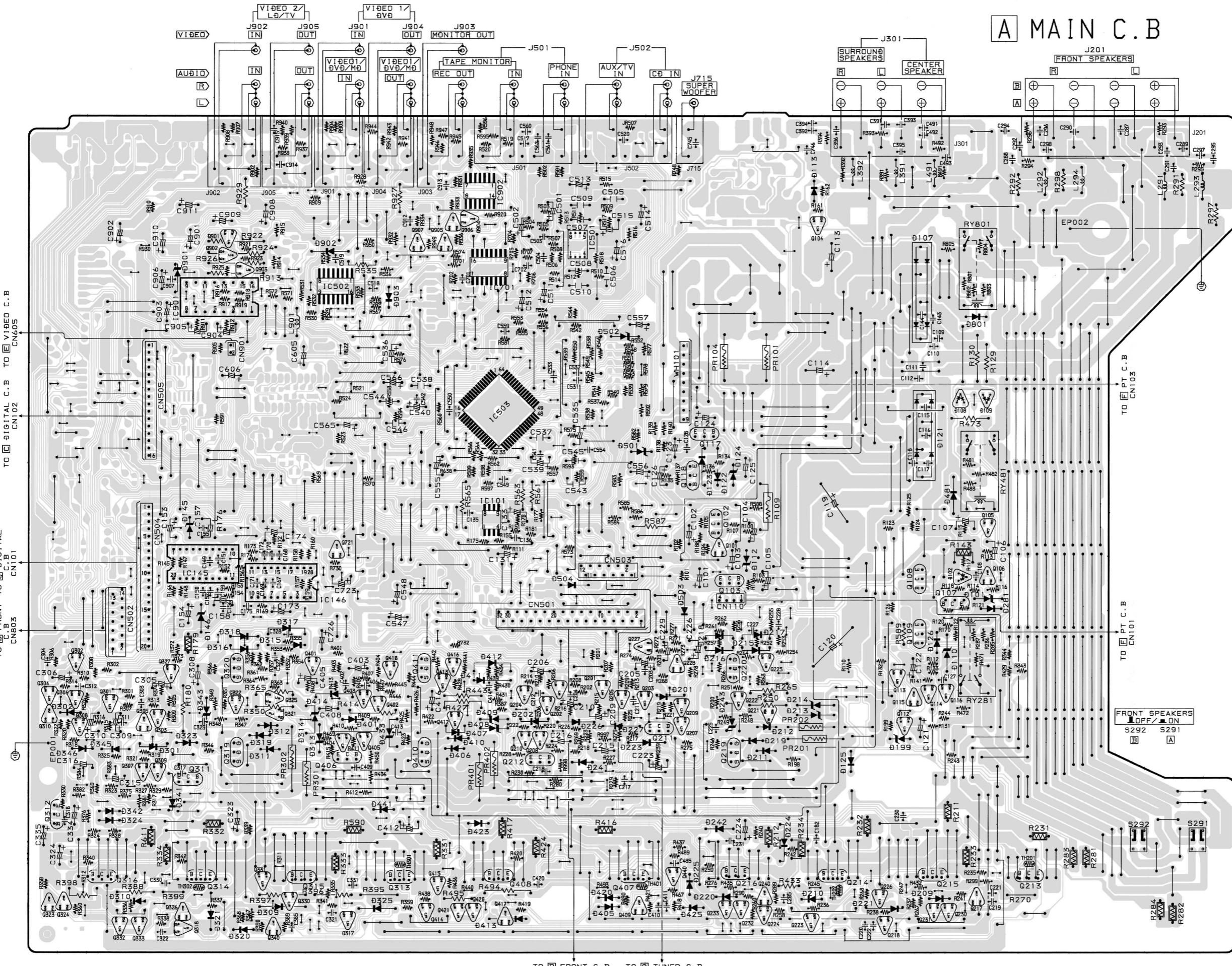
2SK3053
2SA1037
2SA1235
2SC3052
2SC2714
2SD1306
CMBT5401
CMBT5551
CSA1362
CSD1306



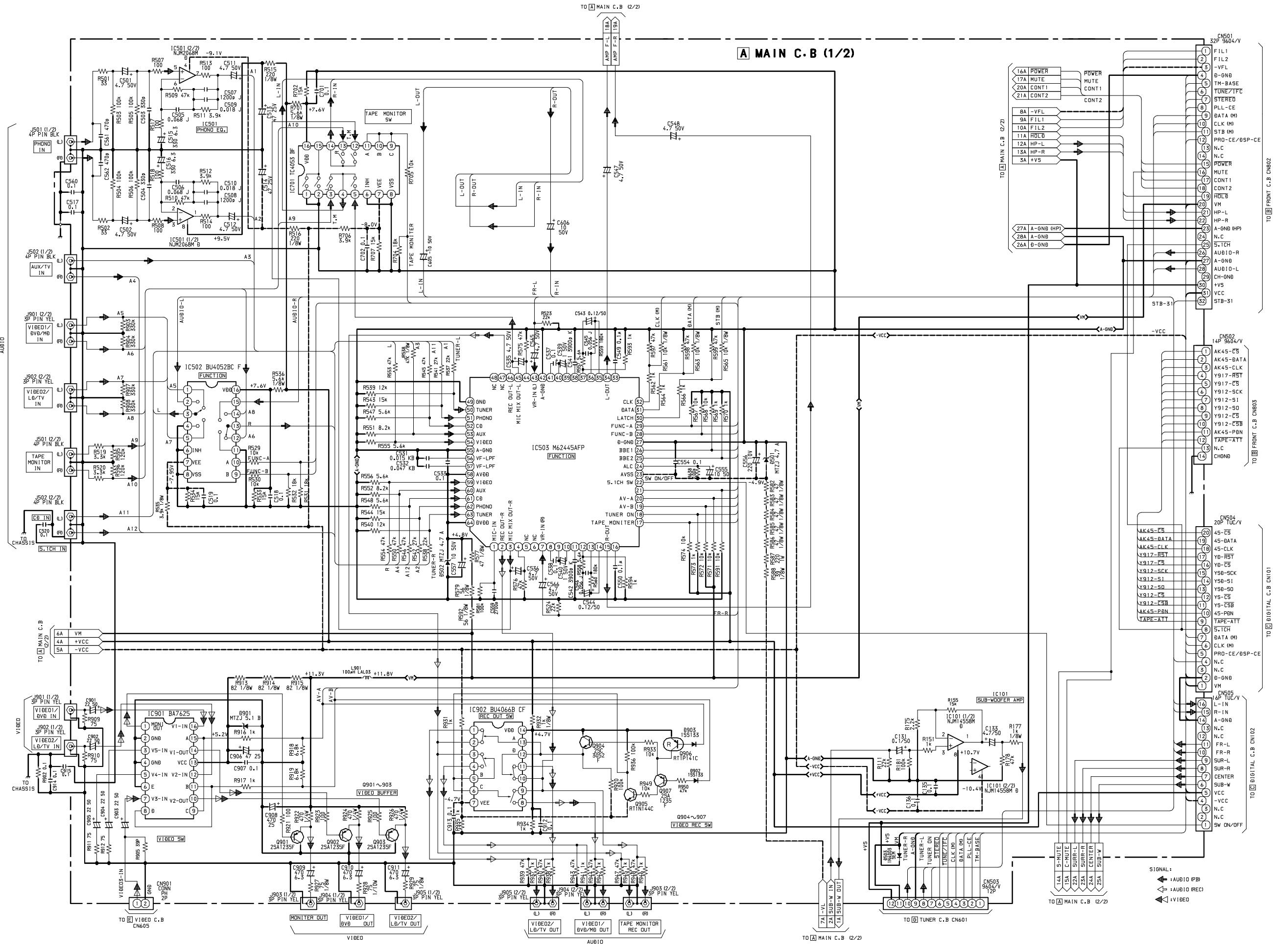
DTA144WK
DTC123JK
DTC124EK
RT1N144C
RT1N141C
RT1P141C
RT1P144C

WIRING - 1 (MAIN)

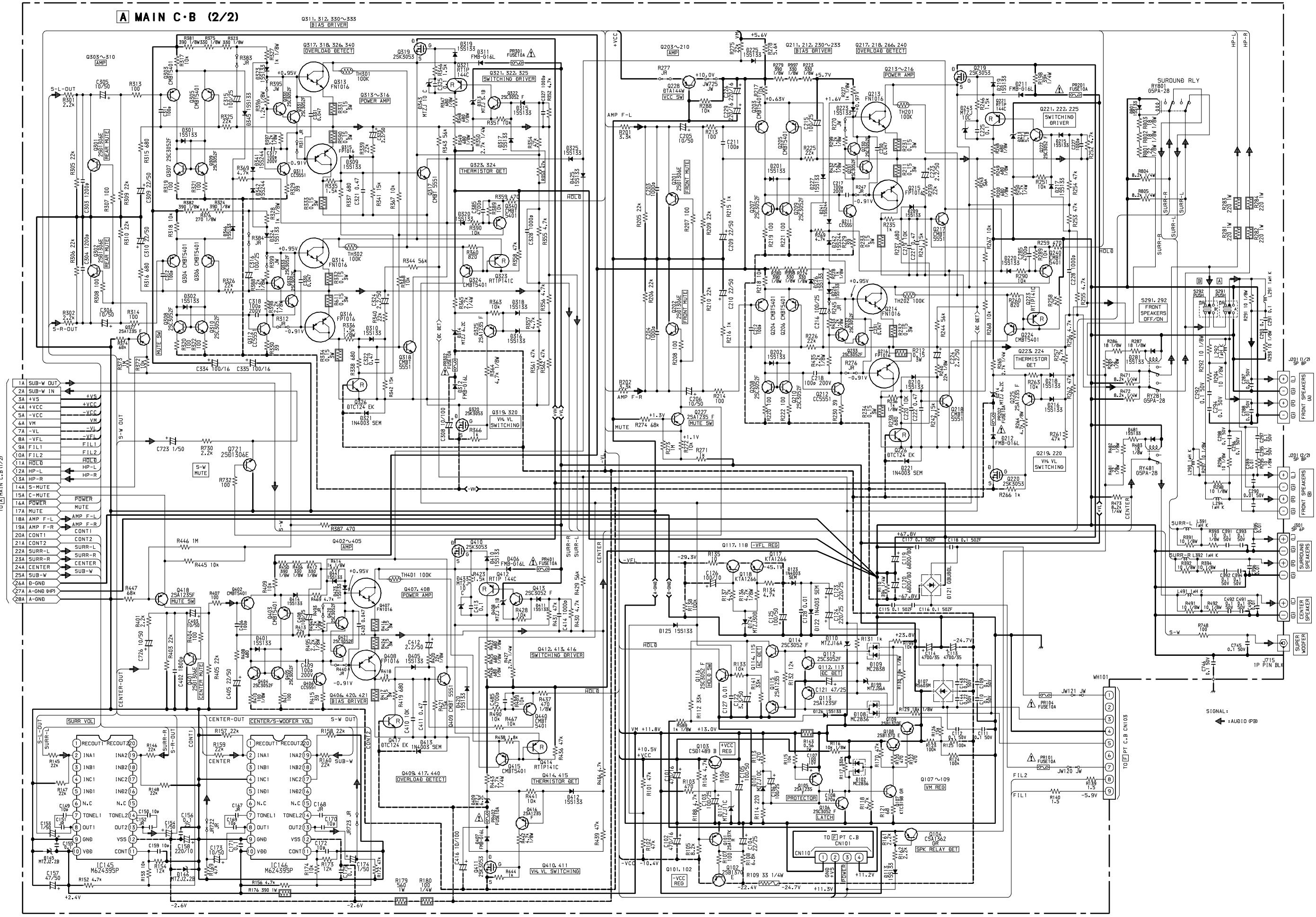
32 | 31 | 30 | 29 | 28 | 27 | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1



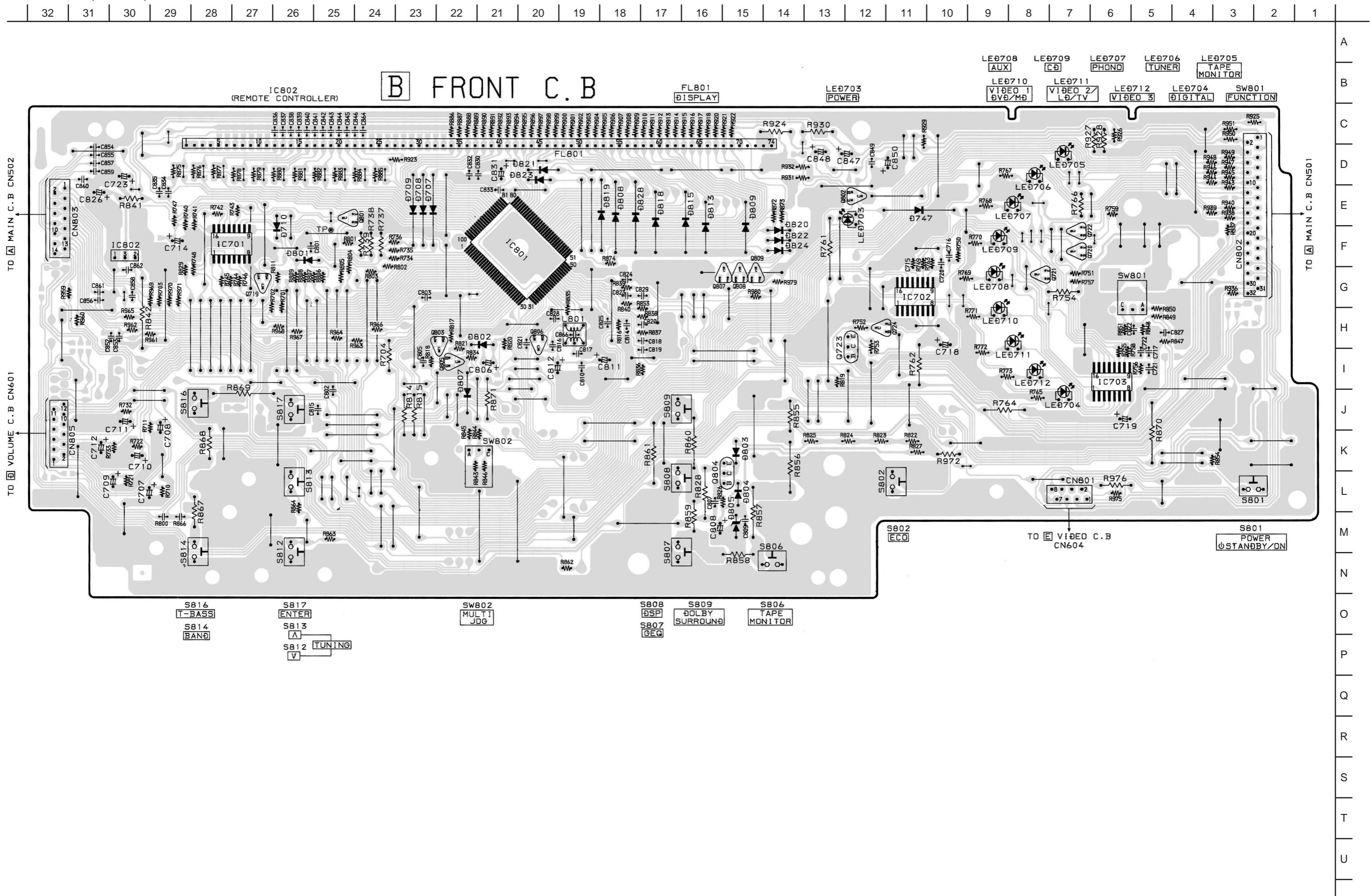
SCHEMATIC DIAGRAM - 1 (MAIN 1/2)



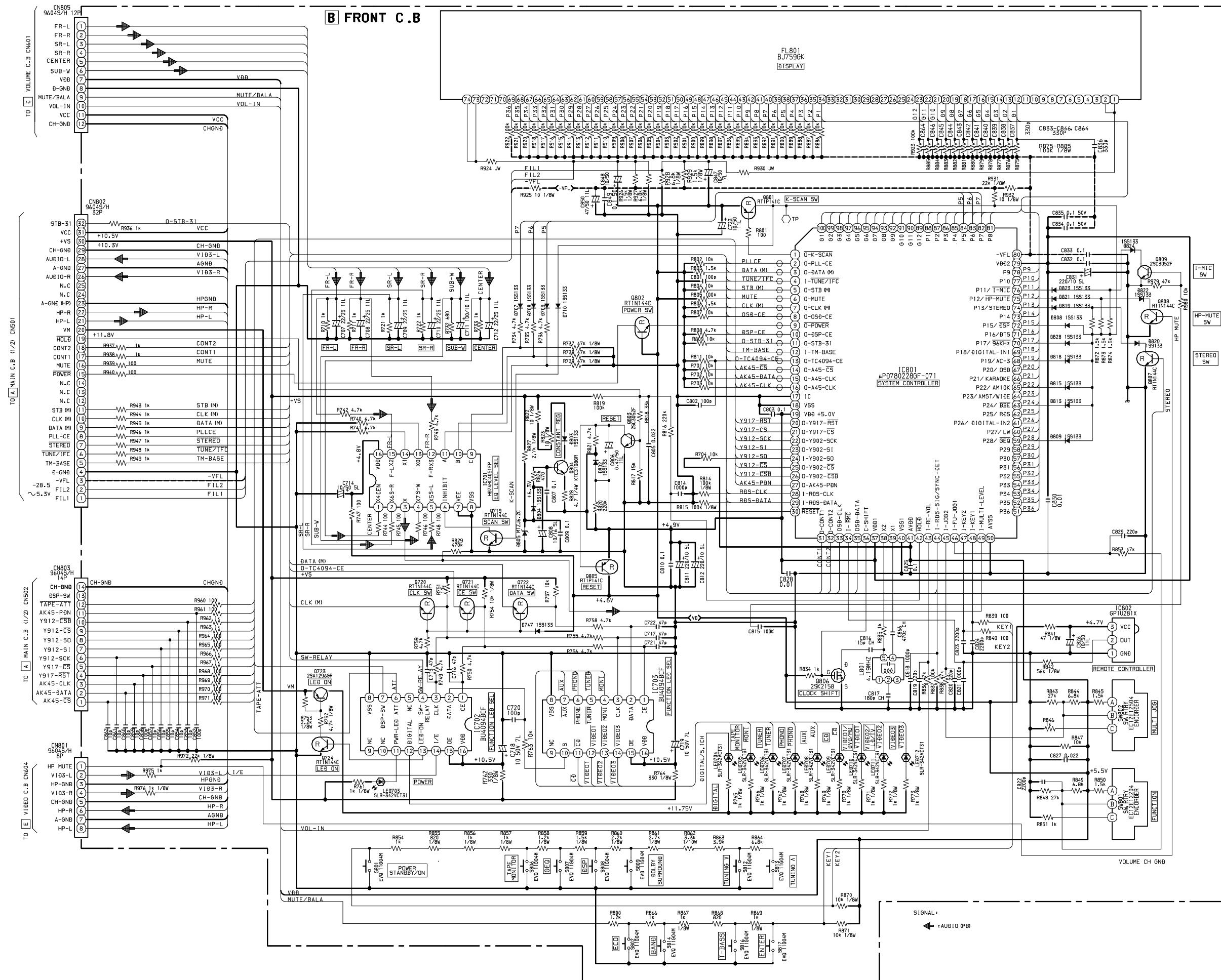
SCHEMATIC DIAGRAM - 2 (MAIN 2/2)



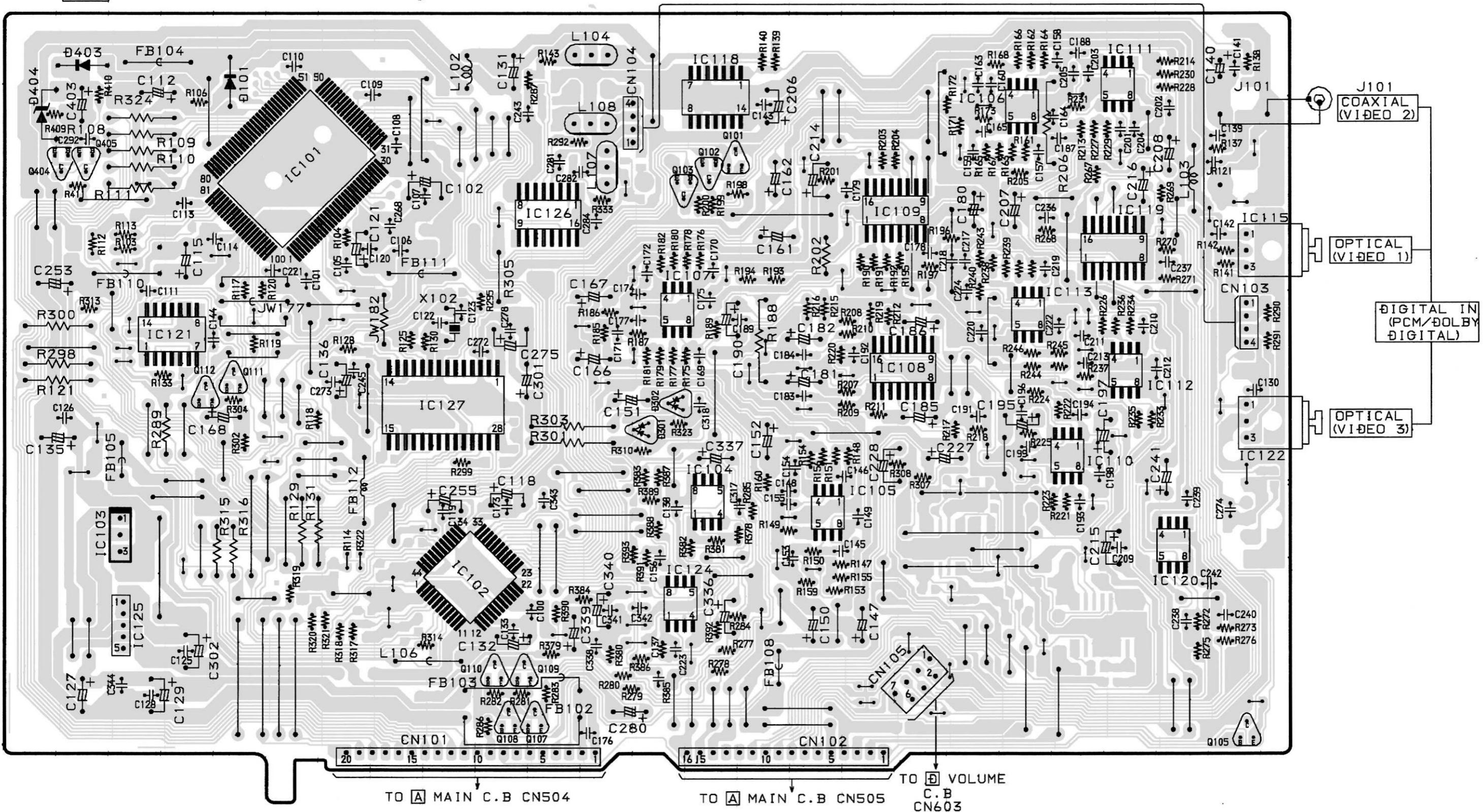
WIRING - 2 (FRONT)



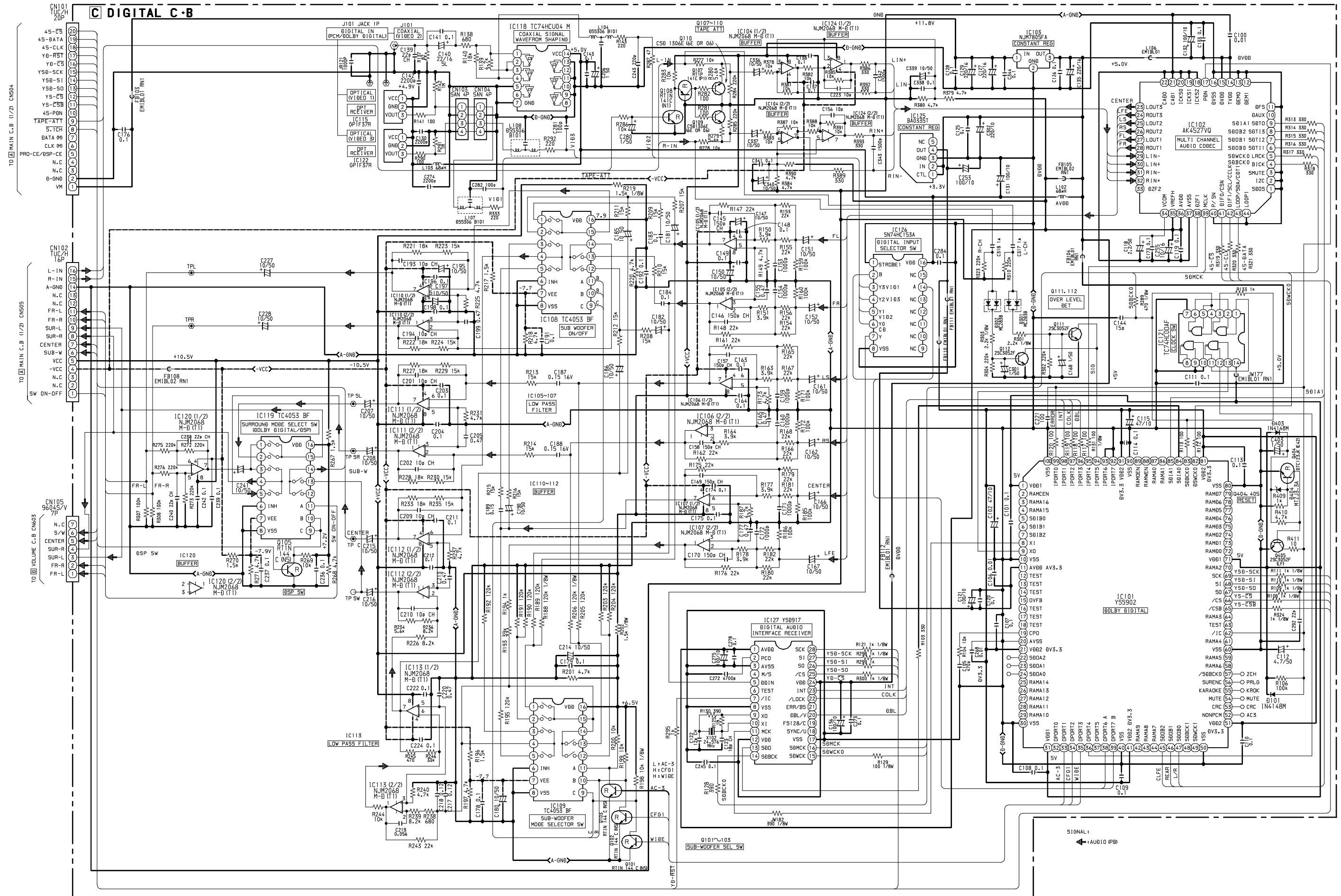
SCHEMATIC DIAGRAM - 3 (FRONT)

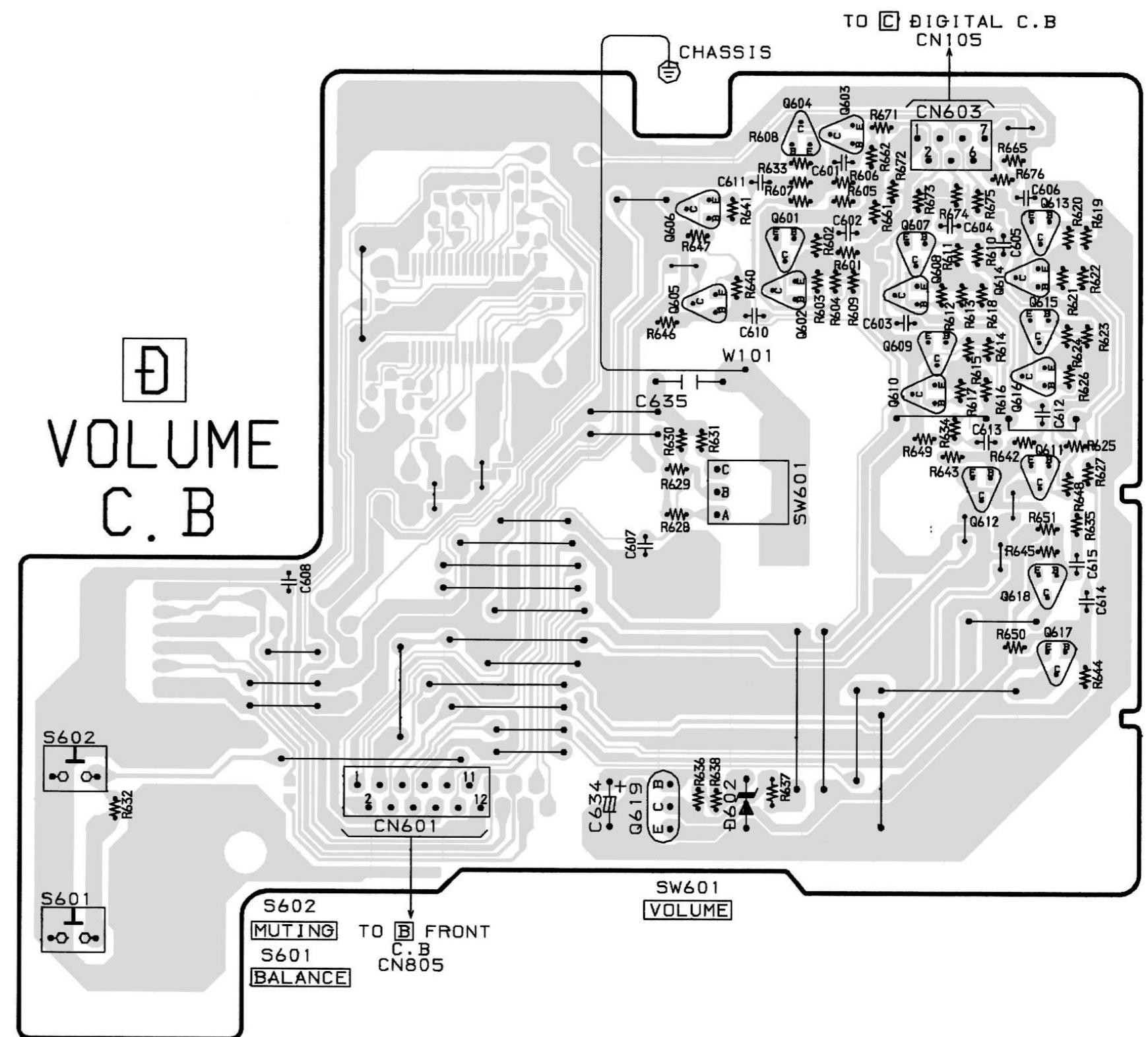
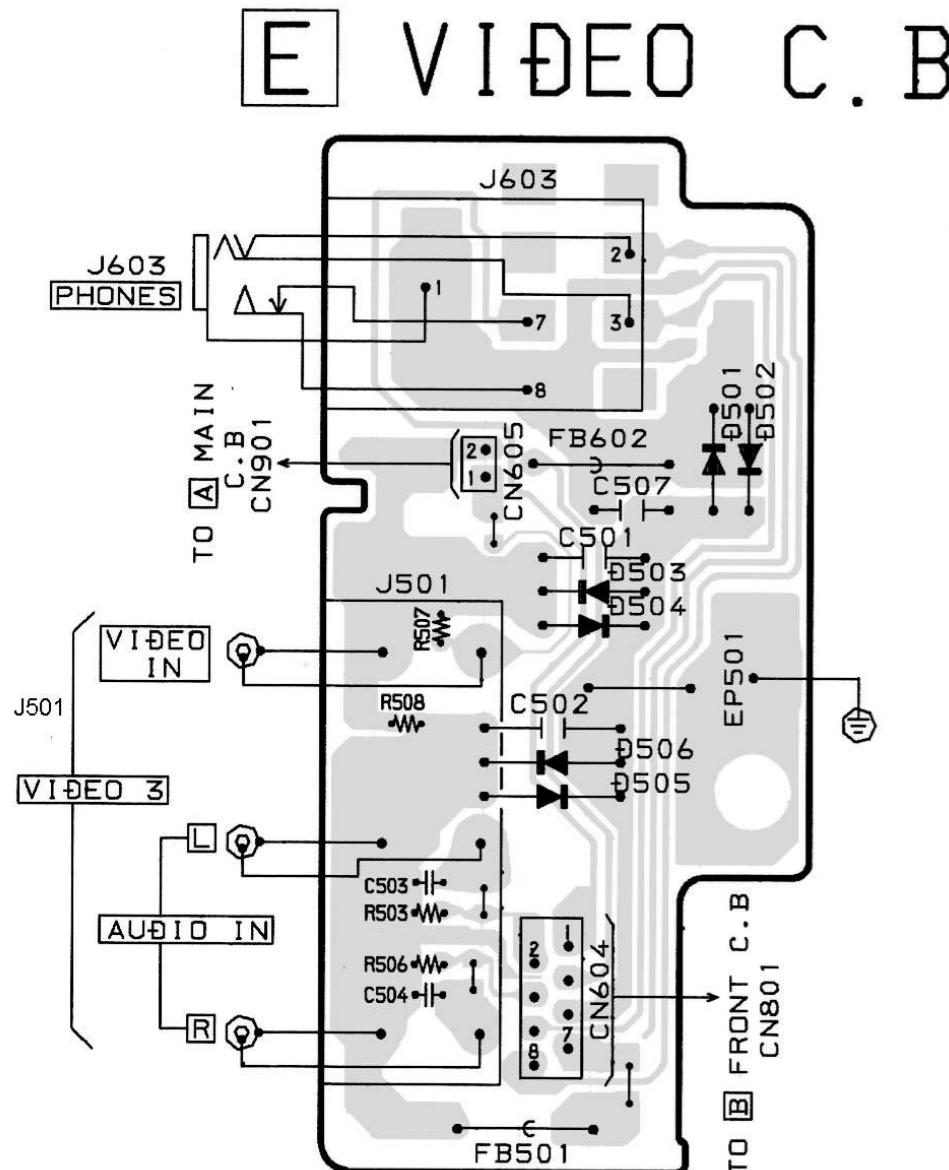


C DIGITAL C.B

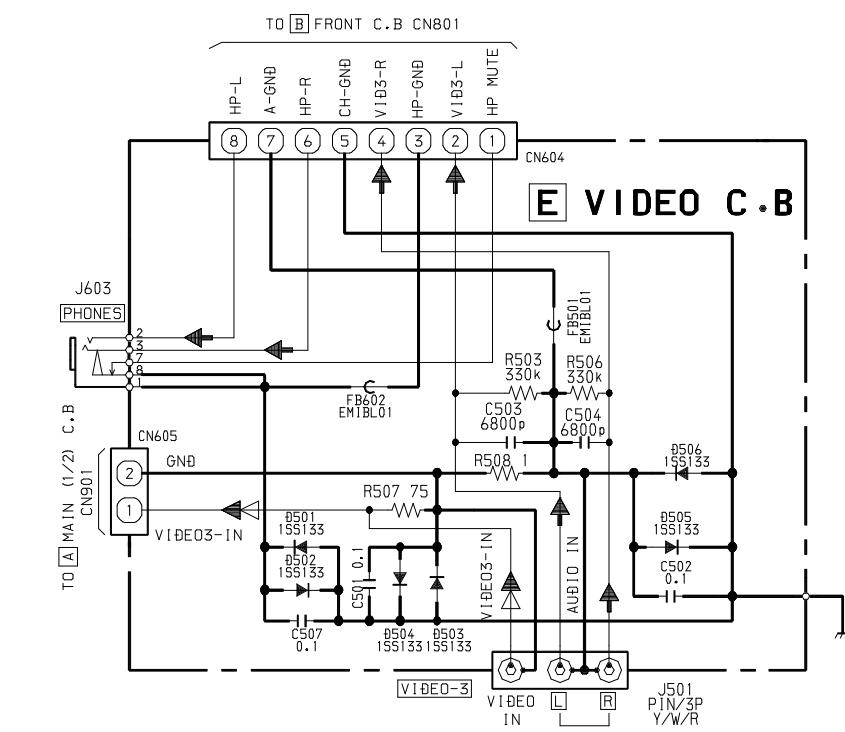
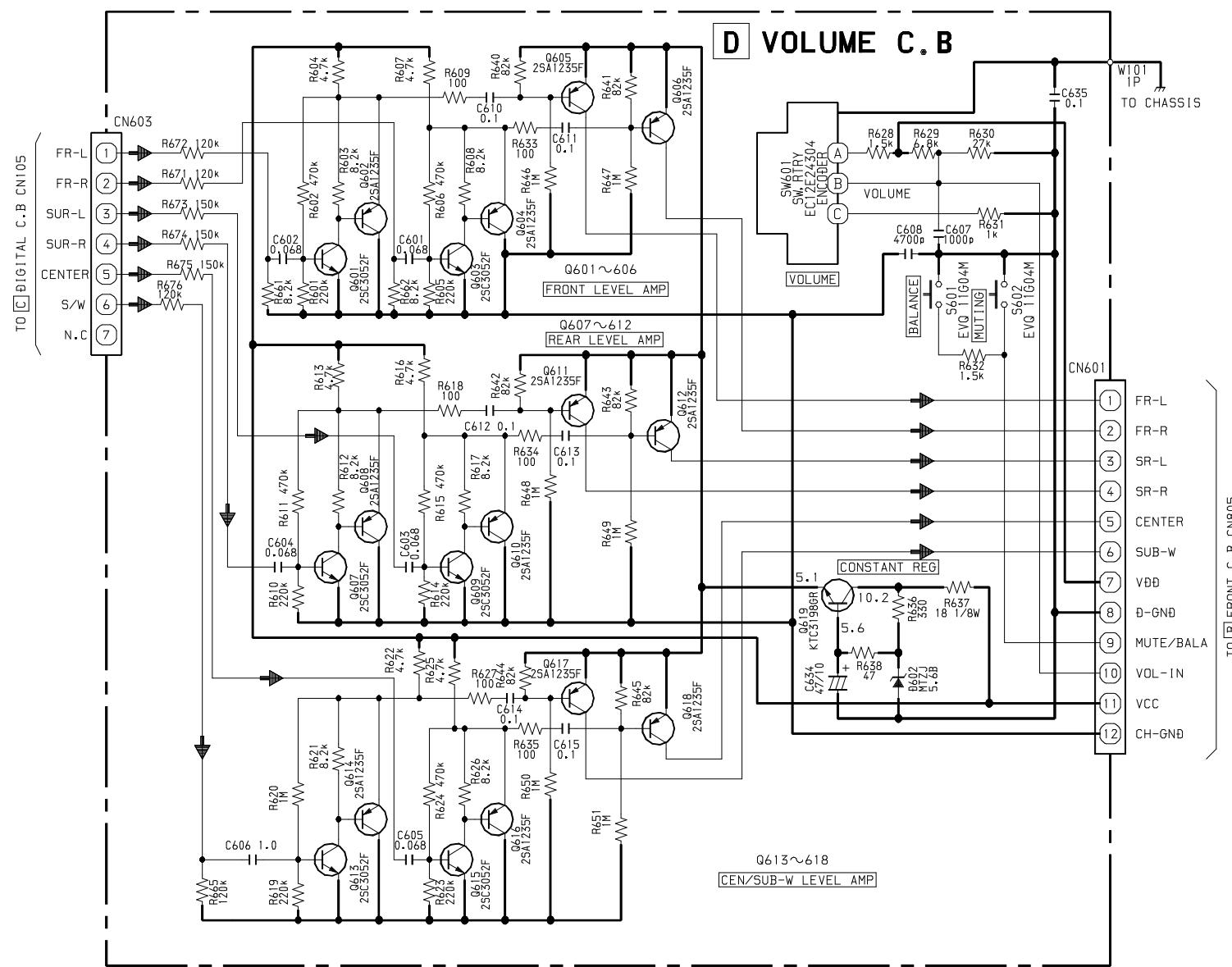


SCHEMATIC DIAGRAM - 4 (DIGITAL)





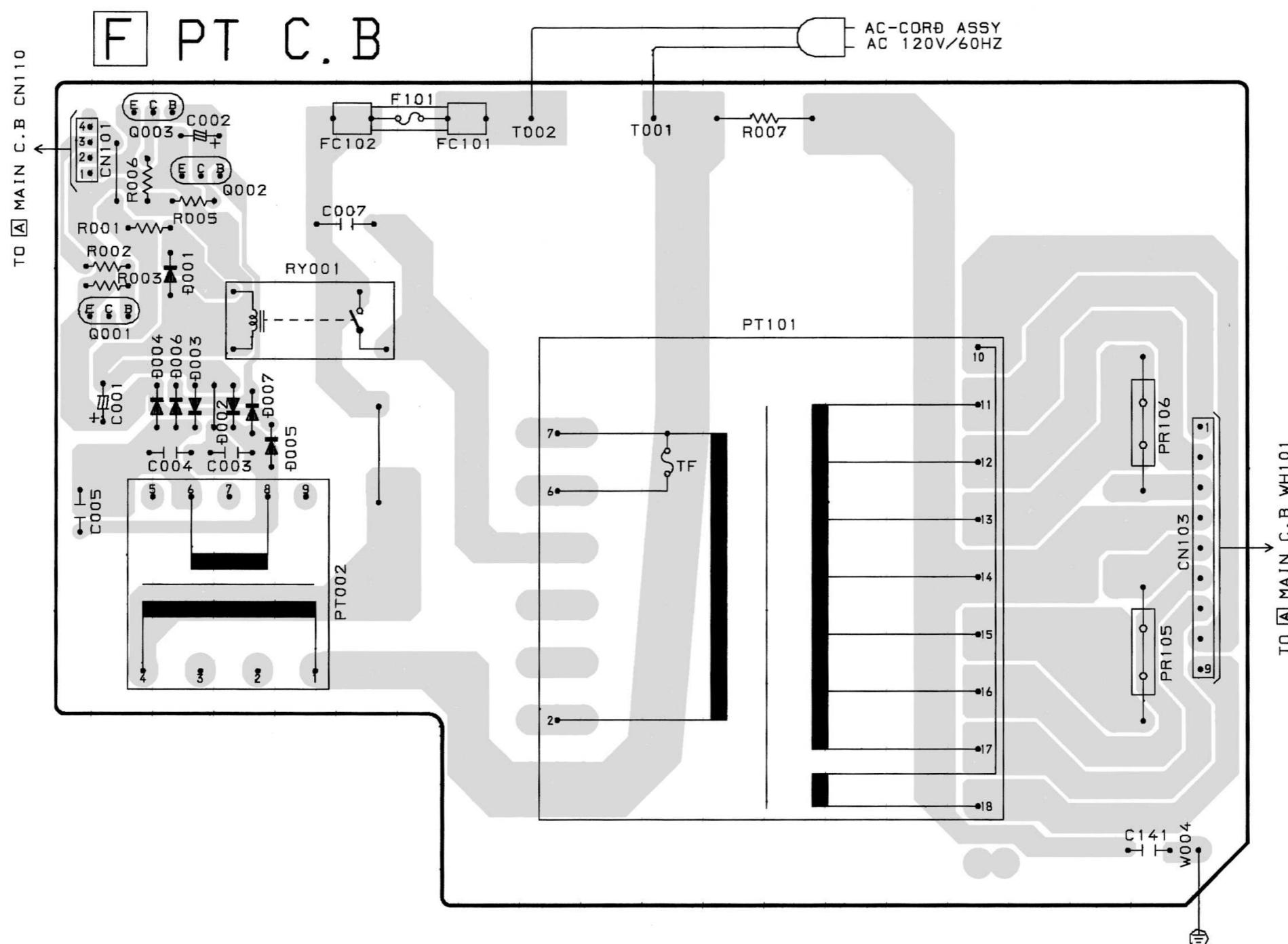
SCHEMATIC DIAGRAM - 5 (VOLUME / VIDEO)

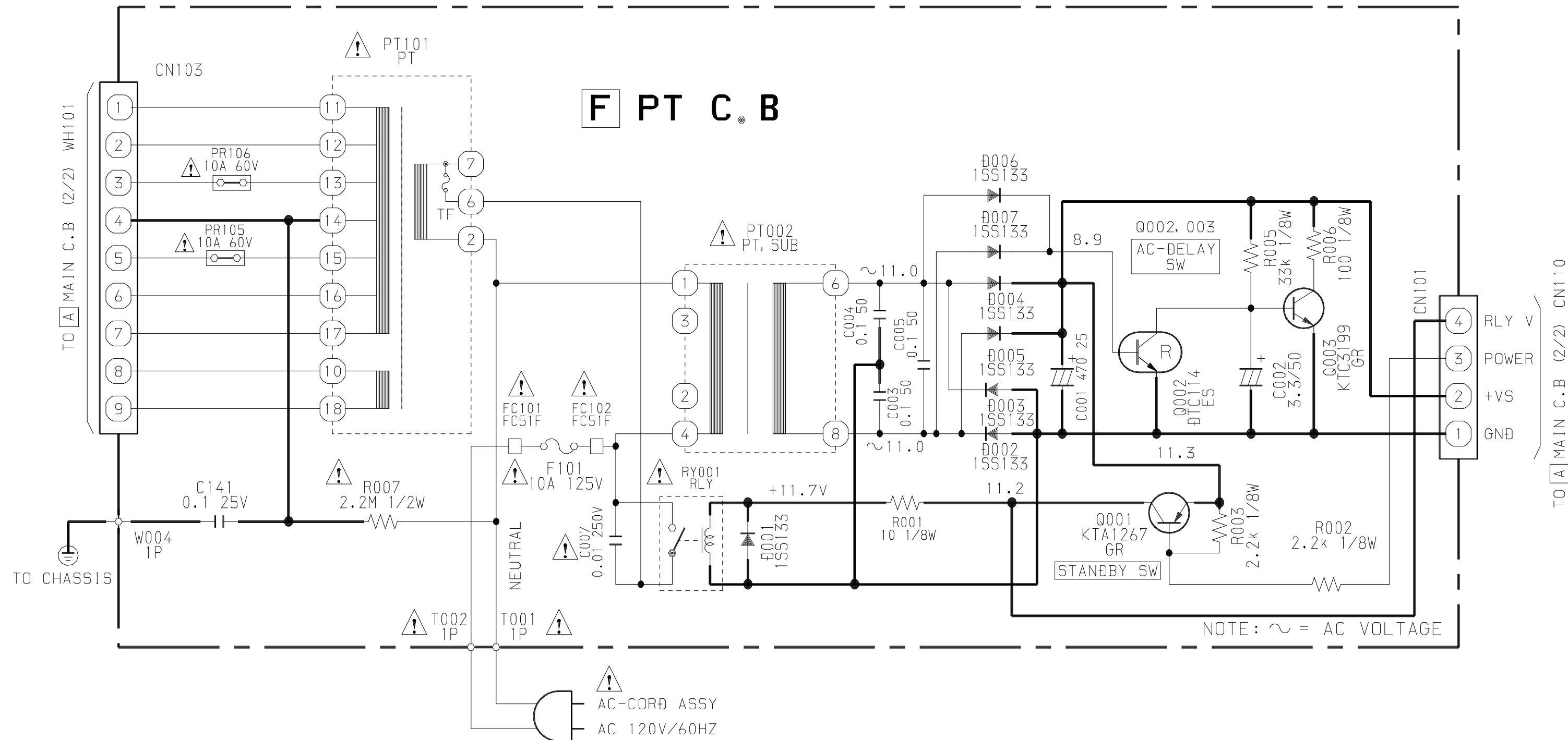


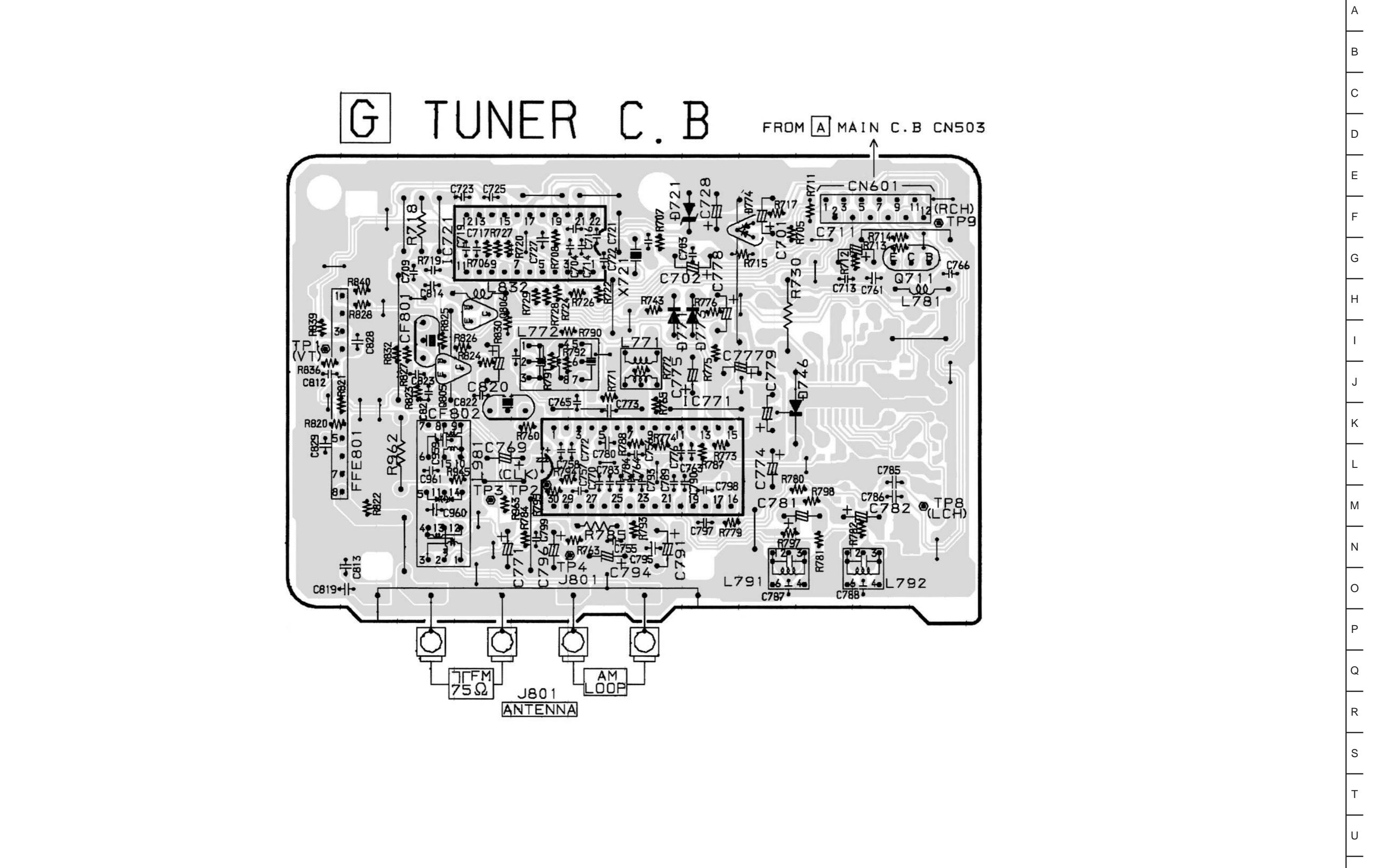
SIGNAL:
→ :AUDIO
← :VIDEO

WIRING - 5 (PT)

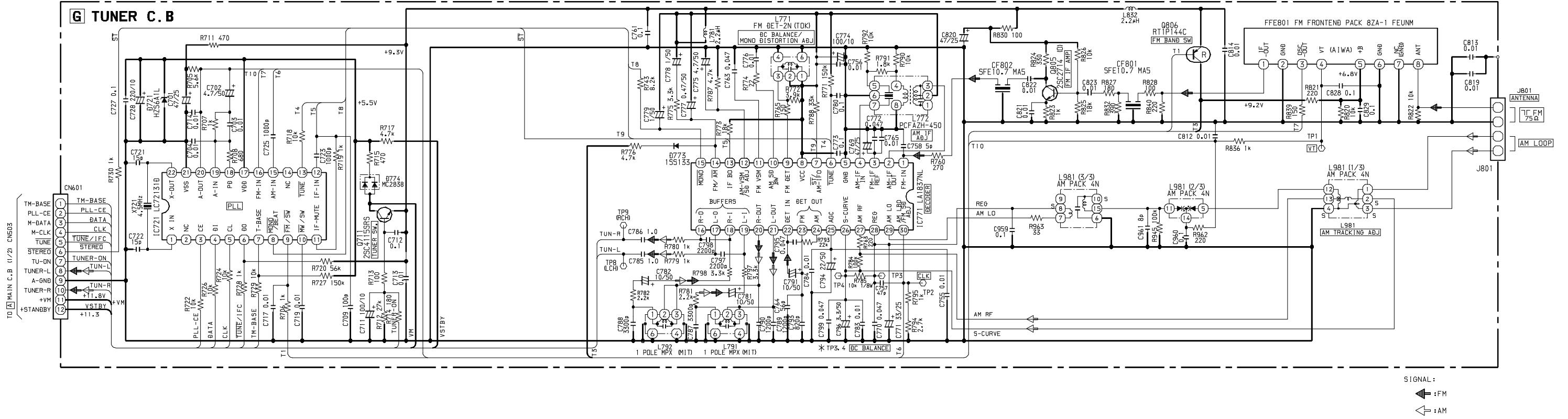
32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
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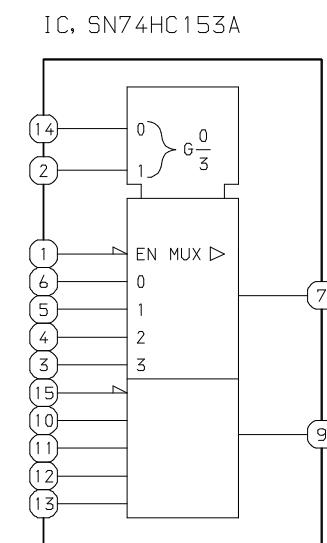
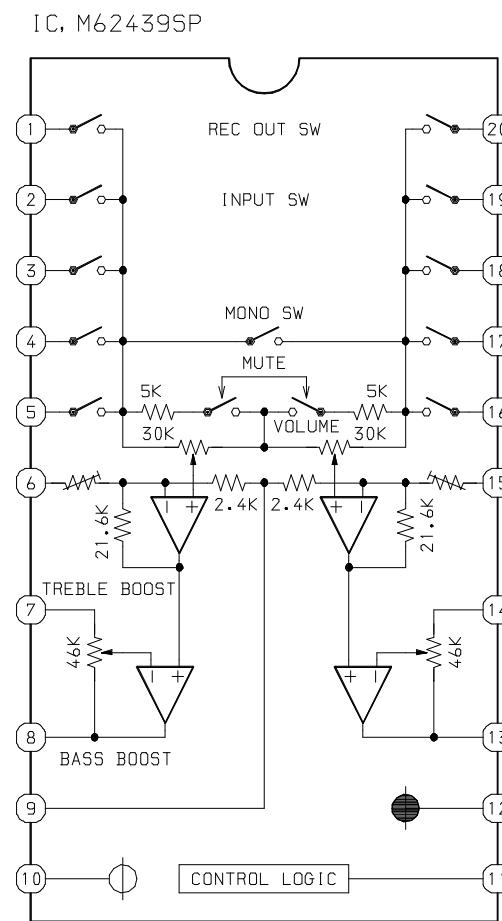
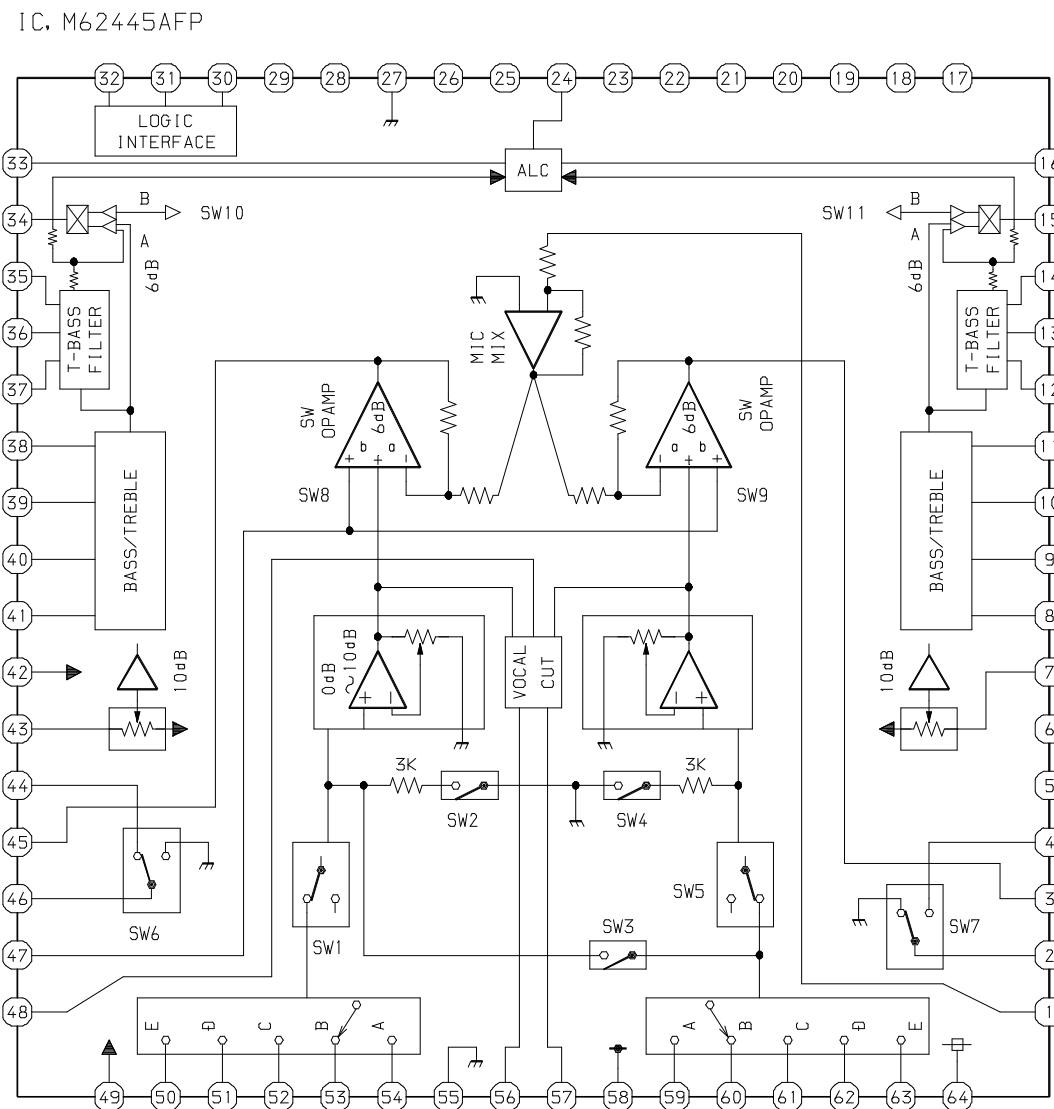
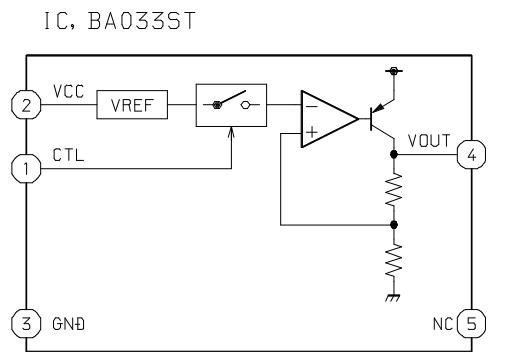


SCHEMATIC DIAGRAM - 7 (TUNER)



SIGNAL:
◀ :FM
◀ :AM

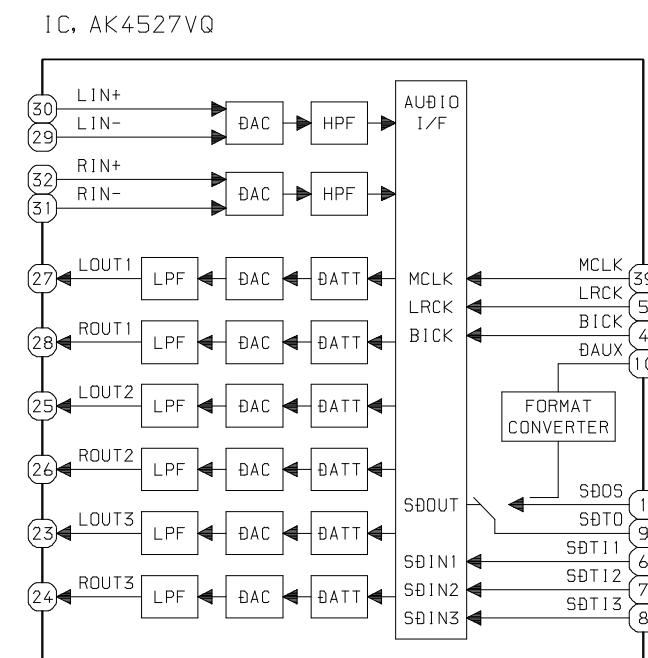
IC BLOCK DIAGRAM



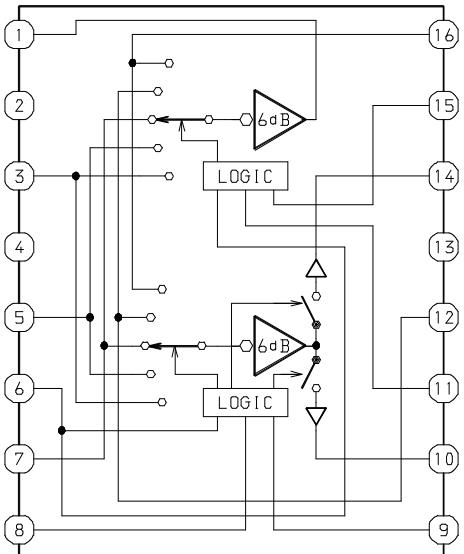
FUNCTION TABLE

INPUTS						OUTPUT Y
B	A	C0	C1	C2	C3	\bar{G}
X	X	X	X	X	X	H L
L	L	L	X	X	X	L L
L	L	H	X	X	X	L H
L	H	X	L	X	X	L L
H	L	X	X	L	X	L L
H	H	X	X	X	L	L L
H	H	X	X	X	H	L H

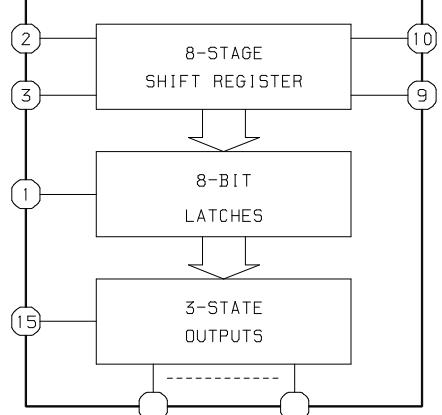
H:HIGH LEVEL
L:LOW LEVEL
X:IRRELEVANT
SELECT INPUTS A AND B ARE COMMON TO BOTH SECTIONS.



IC, BA7625



IC, BU4094BCF



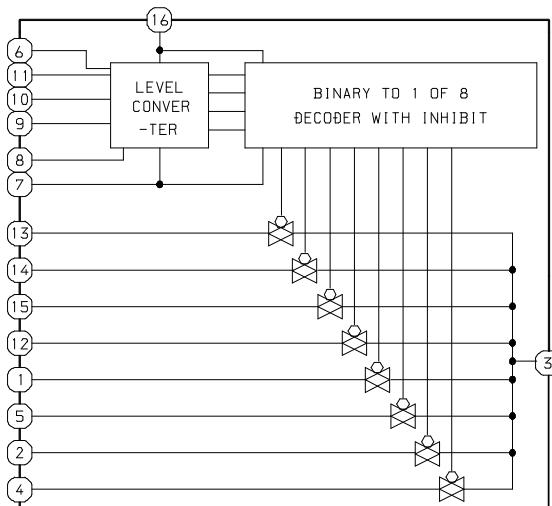
TRUTH TABLE

CLOCK	OUTPUT ENABLE	STROBE	DATA	PARALLEL OUTPUTS		SERIAL OUTPUTS	
				Q1	Qn	QS	Q•S
L	L	x	x	Z	Z	Q7	NO CHG.
L	L	x	x	Z	Z	NO CHG.	QS
H	L	x	NO CHG.	NO CHG.	NO CHG.	Q7	NO CHG.
H	H	L	L	Qn-1	Qn-1	Q7	NO CHG.
H	H	H	H	Qn-1	Qn-1	Q7	NO CHG.
H	x	x	NO CHG.	NO CHG.	NO CHG.	QS	QS

Z = HIGH IMPEDANCE

x = DON'T CARE

IC, HD74HC4051FP



FUNCTION TABLE

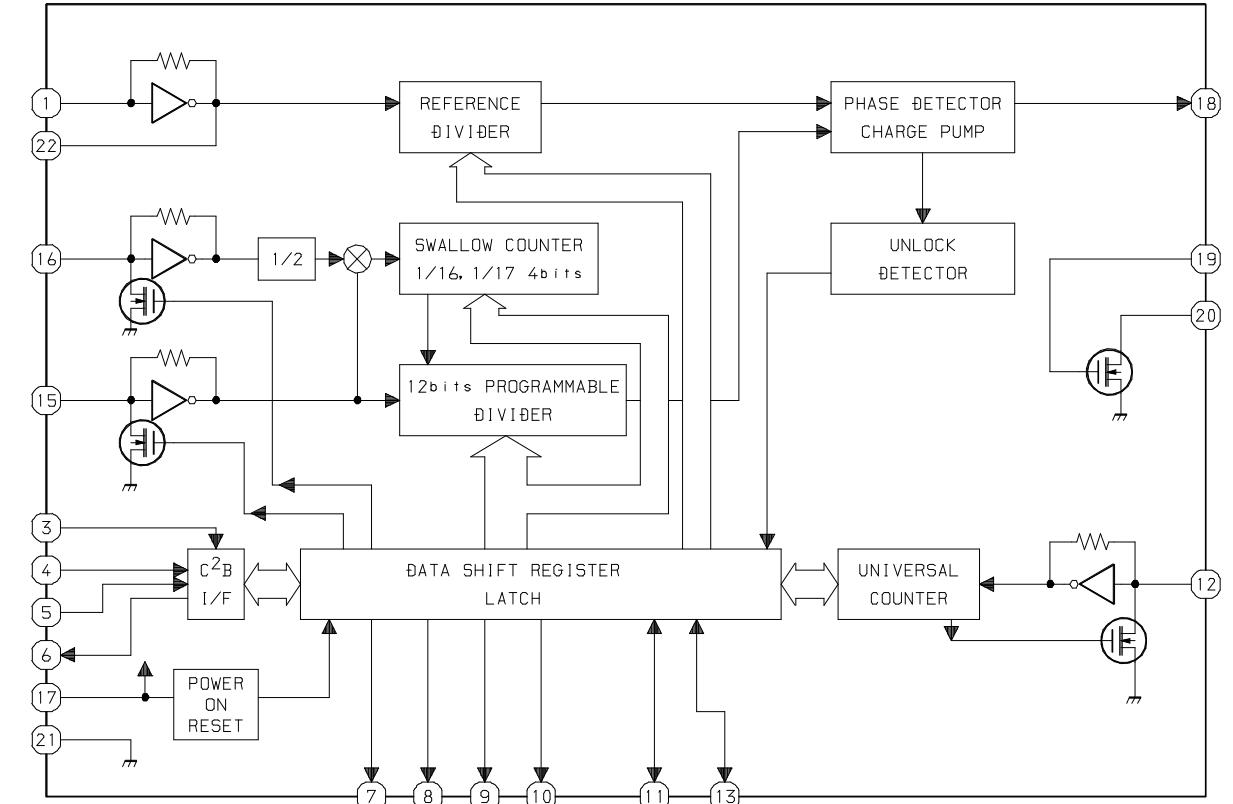
INHIBIT	SELECT			ON SWITCH
	C	B	A	
L	L	L	L	X0
L	L	L	H	X1
L	L	H	L	X2
L	L	H	H	X3
L	H	L	L	X4
L	H	L	H	X5
L	H	H	L	X6
L	H	H	H	X7
H	X	X	X	—

H:HIGH VOLTAGE LEVEL

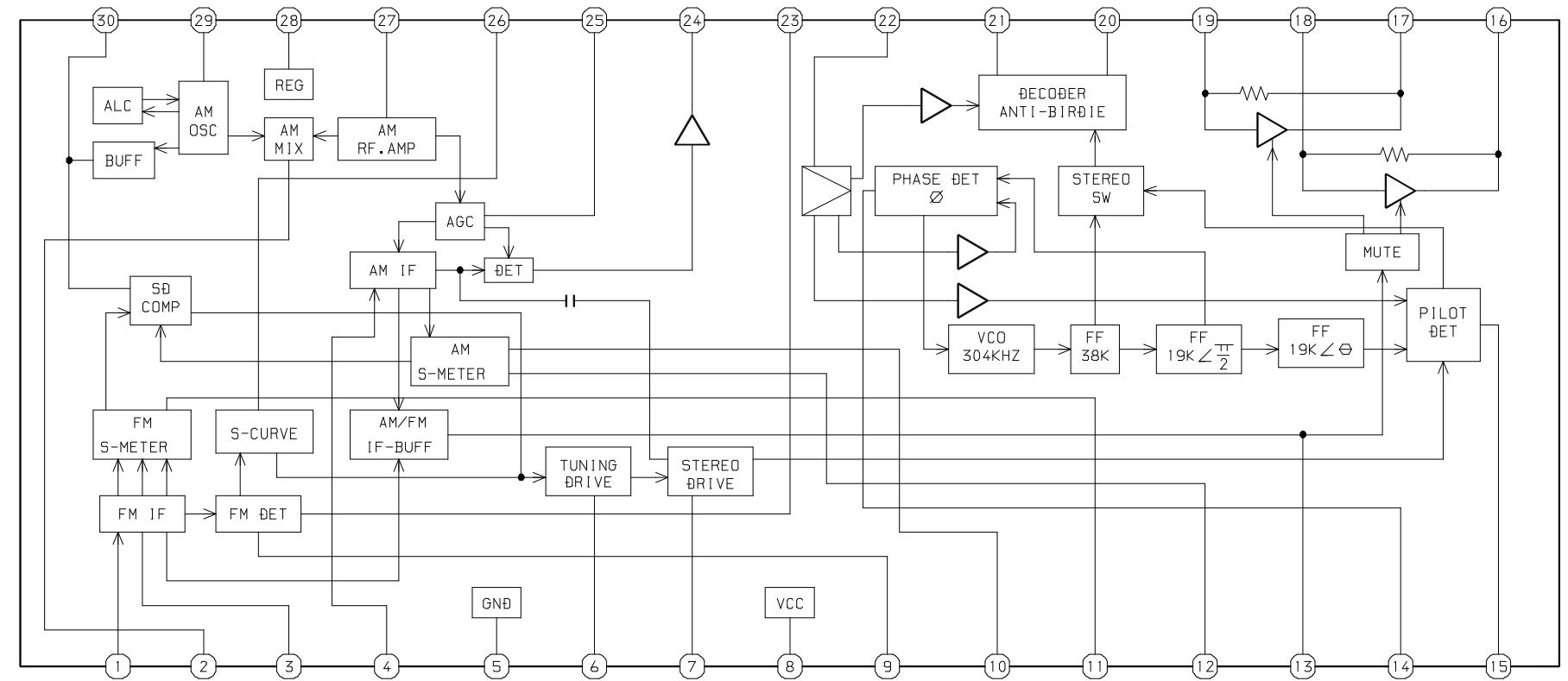
L:LOW VOLTAGE LEVEL

X:IMMATERIAL

IC, LC72131D

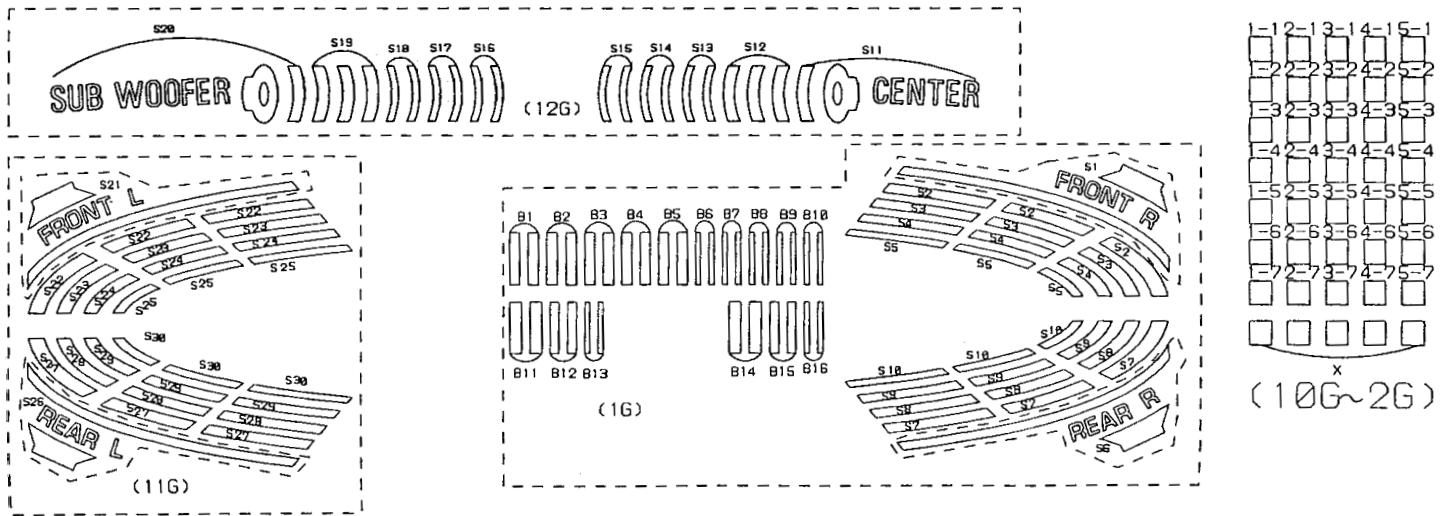
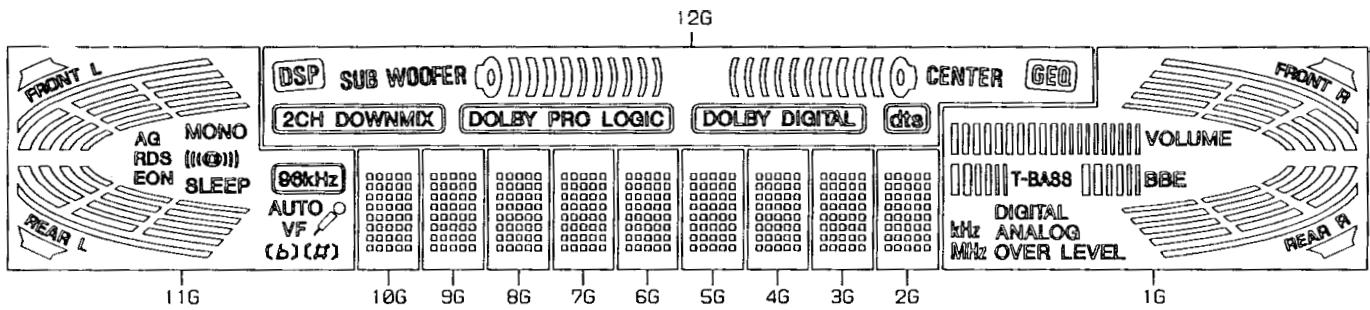


IC, LA1837NL



FL (BJ759GK) GRID ASSIGNMENT AND ANODE CONNECTION

GRID ASSIGNMENT



ANODE CONNECTION

	12G	11G	10G~2G	1G
P1		-	1-1	-
P2		-	2-1	B1
P3		-	3-1	B2
P4	S11	-	4-1	B3
P5	S12	-	5-1	B4
P6	S13	-	1-2	B5
P7	S14	-	2-2	B6
P8	S15	-	3-2	B7
P9		-	4-2	B8
P10		-	5-2	B9
P11	S16	-	1-3	B10
P12	S17	-	2-3	VOLUME
P13	S18	-	3-3	B11
P14	S19	-	4-3	B12
P15	S20	-	5-3	B13
P16		MONO	1-4	T-BASS
P17	-	AG	2-4	B14
P18	-		3-4	B15
P19	-	RDS	4-4	B16
P20	-	SLEEP	5-4	BBE
P21	-	EON	1-5	DIGITAL
P22	-		2-5	ANALOG
P23	-	AUTO	3-5	OVER LEVEL
P24	-		4-5	kHz
P25	-		5-5	MHz
P26	-		1-6	-
P27	-	S25	2-6	S5
P28	-	S24	3-6	S4
P29	-	S23	4-6	S3
P30	-	S22	5-6	S2
P31	-	S21	1-7	S1
P32	-	S30	2-7	S10
P33	-	S29	3-7	S9
P34	-	S28	4-7	S8
P35	-	S27	5-7	S7
P36	-	S26	X	S6

IC DESCRIPTION

IC, UPD780228GF-071

Pin No.	Pin Name	I/O	Description
1	O-K-SCAN	O	Switch scan timing output.
2	O-PLL-CE	O	PLL IC chip enable output.
3	O-DATA(M)	O	Data output for sound.
4	I-TUNE/IFC	I	TUNE-IF count serial data input.
5	O-STB(M)	O	Latch strobe output for sound CTRL.
6	O-MUTE	O	System mute ON/OFF output.
7	O-CLK(M)	O	Clock output.
8	O-OSD-CE	-	Not used.
9	O-POWER	O	System power supply ON/OFF output.
10	O-DSP-CE	-	Not used.
11	O-STB-31	O	GEQ IC chip enable output.
12	I-TM-BASE	I	Reference clock input for timer watch.
13	O-TC4094-CE	O	Shift register chip enable output.
14	O-A45-CS	O	AK4527 chip select.
15	O-A45-DATA	O	AK4527 control data.
16	O-A45-CLK	O	AK4527 control data clock.
17	IC	-	Connected to GND.
18	VSS	-	GND.
19	VDD	-	Power supply input.
20	O-Y917-RST	O	YSD917 initial clear output.
21	O-Y917-CS	O	YSD917 chip select output.
22	O-Y902-SCK	O	YSS902 & YSD917 bit clock output.
23	O-Y902-SI	O	YSS902 data output.
24	I-Y902-SO	I	YSS902 data input.
25	O-Y902-CS	O	YSS902 chip select output.
26	O-Y902-CSB	O	YSS902 sub DSP chip select output.
27	O-A45-PDN	-	Not used.
28	I-RDS-CLK	-	Not used.
29	I-RDS-DATA	-	Not used.
30	RESET	I	Reset input.
31	O-CONT1	O	Master VOL CTRL output for surround left & right.
32	O-CONT2	O	Master VOL CTRL output for center & sub woofer.
33	OSD-CLK	-	Not used.
34	I-RMC	I	System remote control signal input.
35	OSD-DATA	-	Not used.
36	C-SHIFT	O	Micon clock shift output.
37	VDD1	-	Power supply input.
38, 39	X2, X1	-	4.19 MHz oscillator circuit.
40	VSS1	-	GND.
41	AVDD	-	Power supply input.
42	HOLD	I	Power failure detected input "L" to stop and hold memory.
43	I-RE-VOL	I	Rotary encoder signal input (Main vol L & R).

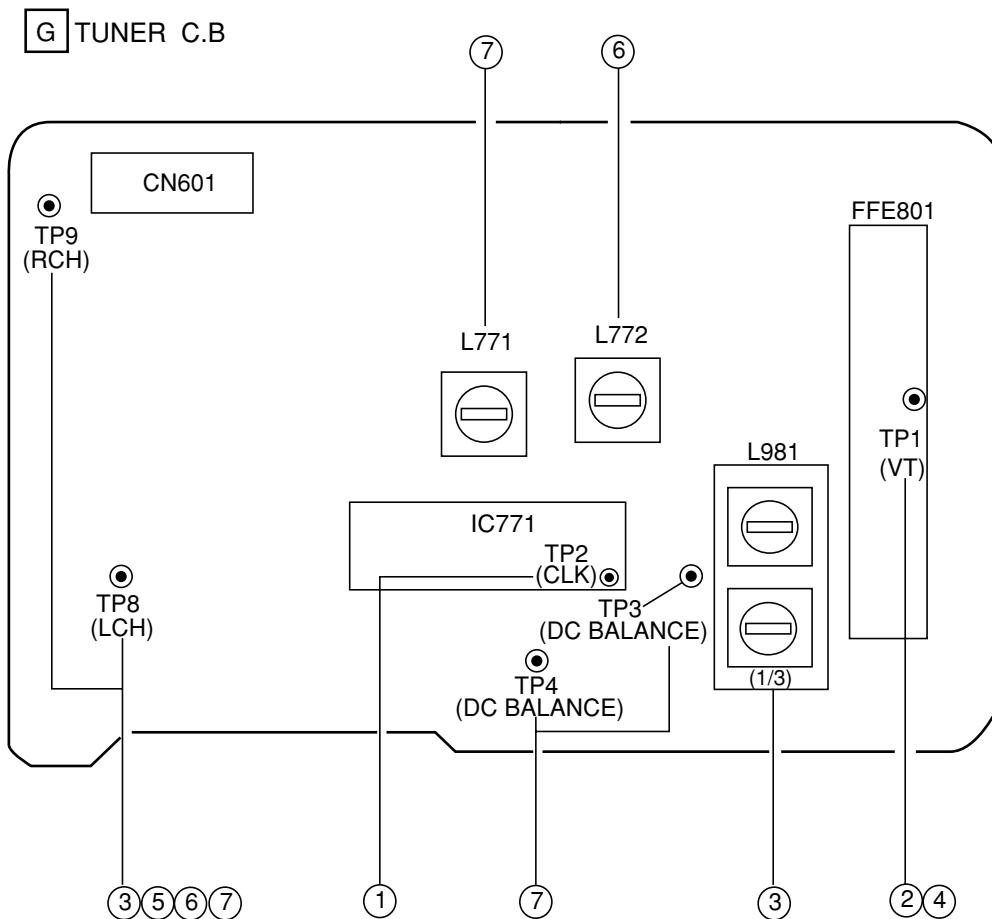
Pin No.	Pin Name	I/O	Description
44	I-RDS-SIG/ SYNC-DET	-	Not used.
45	I-JOG2	I	Rotary encoder signal input (Multi jog).
46	I-FU-JOG1	I	Rotary encoder signaal input (Func jog).
47	I-KEY2	I	Key input (A/D).
48	I-KEY1	I	Key input (A/D).
49	I-MULTI-LEVEL	I	Multi Level meter input.
50	AVSS	-	GND.
51~58	P36~P29	O	FL segement P36~P29 output.
59	P28/ \overline{GEQ}	O/I	FL segement P28 output / \overline{GEQ} data input to diode.
60	P27/LW	O/I	FL segement P27 output / LW mode data input to diode (Not used).
61	P26/DIGITAL-IN2	O/I	FL segement P26 output / Digital input data input to diode (VIDEO1, VIDEO2 only) (Not used).
62	P25/RDS	O/I	FL segement P25 output / RDS data input to diode (Not used).
63	P24/ \overline{BBE}	O/I	FL segement P24 output / BBE data input to diode.
64	P23/AMST/WIDE	O/I	FL segement P23 output / AM stereo, wide band data input to diode (Not used).
65	P22/AM10K	O/I	FL segement P22 output / AM10kHz step data input to diode.
66	P21/KARAOKE	O/I	FL segement P21 output / KEY CON data input to diode (Not used).
67	P20/OSD	O/I	FL segement P20 output / OSD data input to diode (Not used).
68	P19/AC-3	O/I	FL segement P19 output / DOLBY DIGITAL data input to diode.
69	P18DIGITAL-IN1	O/I	FL segement P18 output / Digital input data input to diode (VIDEO1, VIDEO2, VIDEO3, CD) (Not used).
70	P17/ $\overline{96kHz}$	O/I	FL segement P17 output / $\overline{96kHz}$ data input to diode.
71	P16/DTS	O/I	FL segement P16 output / DTS data input to diode (Not used).
72	P15/ \overline{DSP}	O/I	FL segement P15 output / \overline{DSP} data input to diode.
73	P14	O	FL segement P14 output.
74	P13/STEREO	O/I	FL segement P13 output / Tuner stereo detected input.
75	P12/ $\overline{HP-MUTE}$	O/I	FL segement P12 output / $\overline{Headphone}$ mute detected.
76	P11/ $\overline{I-MIC}$	O/I	FL segement P11 output / \overline{Mic} input detected input.
77,78	P10,P9	O	FL segement P10, P9 output.
79	VDD2	-	Power supply input.
80	-VFL	-	Power supply input for FL display.
81	P8	O	FL segement P8 output.
82	P7	O	FL segement P7 output.
83	P6	O	FL segement P6 output.
84	P5	O	FL segement P5 output.
85~88	P4~P1	O	FL segement P4 ~ P1 output.
89~100	G12~G1	O	FL grid output G12 ~ G1.

Pin No.	Pin Name	I/O	Description
1	VDD1	-	+5V power supply for (I/Os).
2	RAMCEN	O	External SRAM Interface / CE. (Not used)
3	RAMA16	O	External SRAM Interface address 16. (Not used)
4	RAMA15	O	External SRAM Interfce address 15. (Not used)
5~7	SDIB0~2	I	PCM input 0~2 to Sub DSP. (Not used)
8	XI	I	Crystal oscillator connection or input external clock (6.125MHz - 50.0MHz).
9	XO	O	Crystal oscillator connection.
10	VSS	-	Ground.
11	AVDD	-	+3.3V power supply (for PLL circuit).
12~14	TEST	-	Test terminal. (Not used)
15	OVFB	O	Detection of overflow at Sub DSP. (Not used)
16~18	TEST	-	Test terminal. (Not used)
19	CPO	O	Output terminal for PLL, to be connected to ground through the external analog filter circuit.
20	AVSS	-	Ground (for PLL circuit).
21	VDD2	-	+3.3V power supply (for core logic).
22	SDOA2	O	PCM output from Main DSP (C, LFE). (Not used)
23	SDOA1	O	PCM output from Main DSP (LS, RS). (Not used)
24	SDOA0	O	PCM output from Main DSP (L, R). (Not used)
25~29	RAMA14~10	O	External SRAM Interface address 14 ~ 10. (Not used)
30	VSS	-	Ground.
31	VDD1	-	+5V power supply (for I/Os).
32	OPORT0	O	Output port for general purpose. (Not used)
33~35	OPORT1~3	O	Output port for general purpose.
36	OPORT4	O	Output port for general purpose.
37	OPORT5	O	Output port for general purpose. (Not used)
38	OPORT6 A	O	Output port for general purpose.
39	OPORT7 B	O	Output port for general purpose.
40	VSS	-	Ground.
41	VDD2	-	+3.3V power supply (for core logic).
42~44	RAMA9~7	O	External SRAM interface address 9~7. (Not used)
45~47	SDOB2~0	O	PCM output from Sub DSP.
48	SDBCK1	I	Bit clock input for SDOA, SDIB, SDOB. (Not used)
49	SDWCK1	I	Word clock input for SDOA,SDIB,SDOB. (Not used)
50	VSS	-	Ground.
51	VDD2	-	+3.3V power supply (for core logic).
52	NONPCM	O	Detection of non-PCM data. (Not used)
53	CRC	O	Detection of CRC error. (Not used)
54	MUTE	O	Detection of auto mute. (Not used)
55	KARAOKE	O	Detection of AC-3 karaoke data. (Not used)
56	SURENC	O	Detection of AC-3 2/0 mode Dolby surround encoded input. (Not used)
57	/SDBCK0	O	Inverted SDBCK0 clock output . (Not used)
58,59	RAMA6,5	O	External SRAM Interface address 6, 5. (Not used)

Pin No.	Pin Name	I/O	Description
60	VSS	-	Ground.
61	RAMA4	O	External SRAM Interface address 4. (Not used)
62	/IC	I	Initial clear.
63	TEST	-	Test terminal (Not used).
64	RAMA3	O	External SRAM Interface address 3. (Not used)
65	/CSB	I	Sub DSP Chip select.
66	/CS	I	Microprocessor interface Chip select.
67	SO	O	Microprocessor interface Serial data output.
68	SI	I	Microprocessor interface / Sub DSP Serial data input.
69	SCK	I	Microprocessor interface / Sub DSP clock input.
70	RAMA2	O	External SRAM Interface address 2. (Not used)
71	VDD1	-	+5V power supply (for I/Os).
72~79	RAMD0~7	I/O	External SRAM Interface data (STREAM0~7 output when External SRAM is not in use). (Not used)
80	VSS	-	Ground.
81	VDD2	-	+3.3V power supply (for core logic).
82	SDWCK0	I	Word clock input for SDIA, SDOA, SDIB, SDOB.
83	SDBCK0	I	Bit clock input for SDIA, SDOA, SDIB, SDOB.
84	SDIA0	I	AC-3 bitstream (or PCM) data input for Main DSP.
85	SDIA1	I	AC-3 bitstream (or PCM) data input for Main DSP.
86,87	RAMA1,0	O	External SRAM Interface address 1, 0. (Not used)
88	RAMWEN	O	External SRAM Interface / WE. (Not used)
89	RAMOEN	O	External SRAM Interface / OE. (Not used)
90	VSS	-	Ground.
91	VDD2	-	+3.3V power supply (for core logic).
92~99	IPORT7~0	I	Input port for general purpose.
100	VSS	-	Ground.

Pin No.	Pin Name	I/O	Description
1	AVDD	-	Analog power supply for PLL (+5V).
2	PCO	-	PLL filter connection terminal.
3	AVSS	-	Analog ground.
4	M/S	I	Master / slave mode selection. (Not used)
5	DDIN	I	Digital audio interface data input.
6	TEST	I	Test terminal (To be open). (Not used)
7	/IC	I	Initial clear input.
8	VSS	-	Ground.
9	XO	O	24.576MHz crystal oscillator connection output terminal.
10	XI	I	24.576MHz crystal oscillator connection input terminal.
11	MCK	O	12.288MHz clock output.
12	VDD	-	+5V power supply.
13	SDO	O	Serial data output.
14	SDBCK	I/O	Serial data bit clock input / output (64 fs).
15	SDWCK	I/O	Serial data word clock input / output (fs).
16	SDMCK	O	Serial data master clock output (256 fs or 128 fs).
17	VSS	-	Ground.
18	SYNC/U	O	Serial data synchronization timing output / User data output. (Not used)
19	FS128/C	O	Serial data master clock 128 fs output / Channel status output. (Not used)
20	DBL/V	O	Double rate output / Validity flag output.
21	ERR/BS	O	Data error detection output / Block start output. (Not used)
22	/LOCK	O	PLL lock detection output.
23	INT	O	Interrupt output.
24	VDD	-	+5V power supply.
25	/CS	I	Microcomputer interface chip select input.
26	SO	O	Microcomputer interface data output.
27	SI	I	Microcomputer interface data input.
28	SCK	I	Microcomputer interface bit clock input.

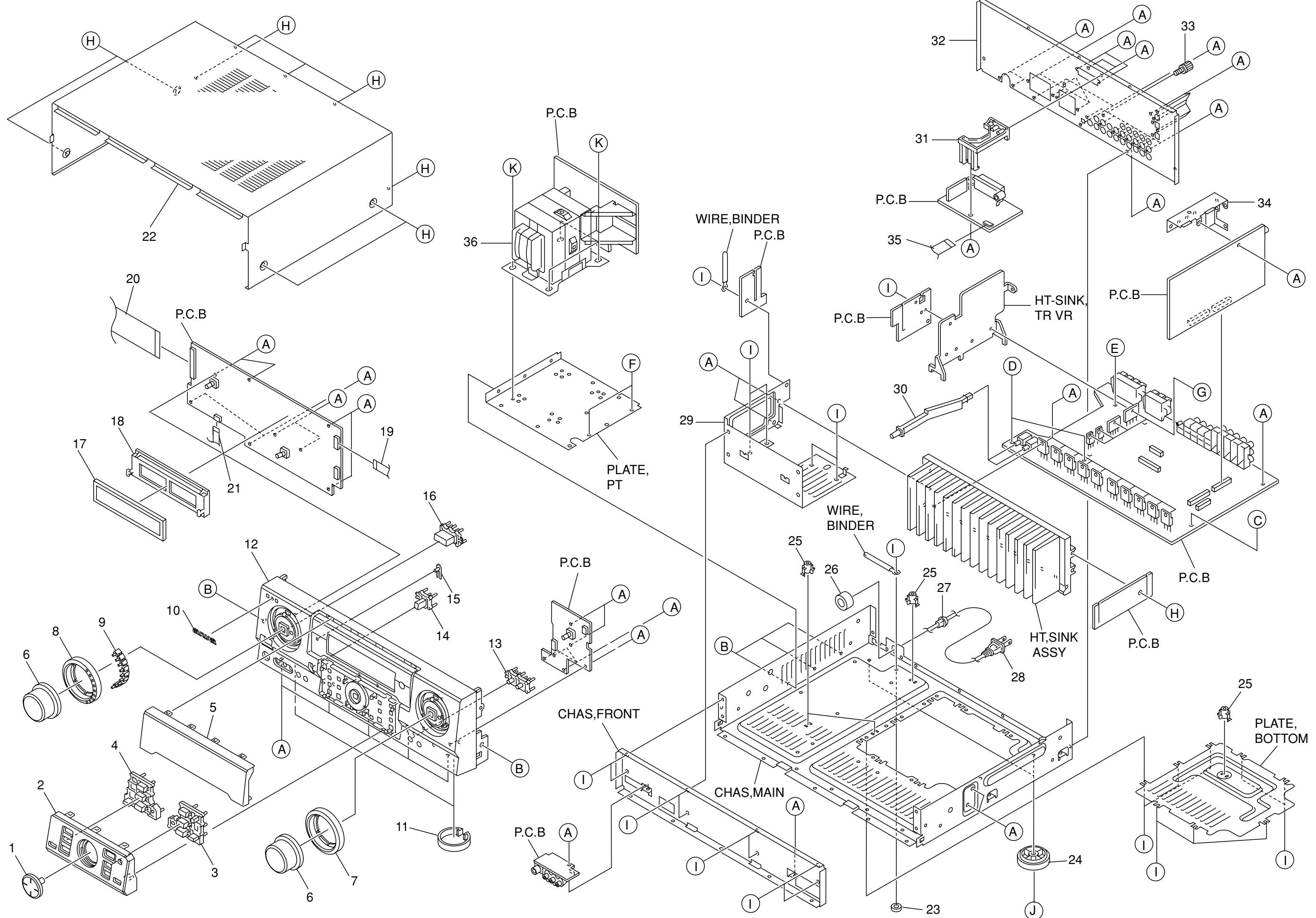
ADJUSTMENT < TUNER >



< TUNER SECTION >

1. **Clock Check**
Settings : • Test point : TP2(CLK)
Method : Set to AM 1710kHz and check that the test point is $2160\text{kHz} \pm 45\text{Hz}$.
2. **AM VT Check**
Settings : • Test point : TP1(VT),
Method : Set to AM 1710kHz, AM 530kHz and check that the test point is less than $8.5\text{V}(1710\text{kHz})$ and more than $0.6\text{V}(530\text{kHz})$.
3. **AM Tracking Adjustment**
Settings : • Test point : TP8(Lch), TP9(Rch)
• Adjustment location :
L981(1/3) 1000kHz
Method : Set to MW 1000kHz and adjust L981(1/3) so that the test point is max.
4. **FM VT Check**
Settings : • Test point : TP1(VT)
Method : Set to FM 108.0MHz and check that the test point is less than 8.0V.
Then set to FM 87.5MHz and check that the test point is more than 0.5V.
5. **FM Tracking Check**
Settings : • Test point : TP9(Lch), TP9(Rch)
Method : • Set to FM 98.0MHz and check that the test point is less than 9.0dB.
6. **AM IF Adjustment**
Settings : • Test point : TP8(Lch), TP9(Rch)
• Adjustment location :
L772 450kHz
7. **DC Balance / Mono Distortion Adjustment**
Settings : • Test point : TP3, TP4 (DC Balance)
TP8(Lch), TP9(Rch) (Distortion)
• Adjustment location : L771
• Input level : $60\text{dB}\mu\text{V}$
Method : Set to FM 98.0MHz and adjust L771 so that the voltage between TP3 and TP4 becomes $0\text{V} \pm 0.04\text{V}$. Next, check that the distortion is less than 1.3%.

MECHANICAL EXPLODED VIEW 1 / 1



MECHANICAL PARTS LIST 1 / 1

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION	REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
1	8A-AR3-006-010		KNOB, RTRY JOG	△	26	87-003-317-010	F-BEAD, FOH2515-LG7
2	8A-AR3-003-010		PANEL, FR U		27	87-085-189-010	BUSHING, CORD (U)
3	8A-AR3-013-010		KEY, ASSY, ENTER		28	87-A80-110-010	AC CORD ASSY, U SPT-2W
4	8A-AR3-012-010		KEY, ASSY, DOLBY		29	8Z-AR1-205-010	HLDR, HT-SINK
5	8A-AR2-005-010		WINDOW, DISP DIGI		30	8A-AR3-011-010	BTN, SP
6	8A-AR3-045-010		KNOB, RTRY VOL		31	88-AR1-203-010	HLDR, TU
7	8A-AR3-007-010		RING, VOL		32	8A-AR2-011-010	PANEL, REAR UBM 67
8	8A-AR3-047-010		RING, FUN		33	87-033-209-010	TERMINAL, EARTH
9	8A-AR3-009-010		REFLECTOR, FUN		34	8Z-AR1-219-010	HLDR, PWB PRO
10	87-CE3-023-010		BADGE, AIWA 30N SILV		35	88-912-161-110	FF-CABLE, 12P 1.25 160MM
11	8Z-AR1-020-110		RING, FOOT SIL		36	8Z-AR3-601-010	PT, ZAR-3 (U)
12	8A-AR2-003-010		CABI, FR U 67		A	87-067-703-010	TAPPING SCREW, BVT2+3-10
13	8A-AR3-024-010		KEY, BAL		B	87-591-095-410	TAPPING SCREW, QIT+3-8 (GLD)
14	8A-AR3-020-010		KEY, ECO		C	87-067-633-010	TAPPING SCREW, BVT2+3-8
15	8A-AR3-010-010		REFLECTOR, ECO		D	87-067-581-010	TAPPING SCREW, BVT2+3-15
16	8A-AR3-021-010		KEY, POWER		E	87-067-632-010	TAPPING SCREW, BVT2+3-15
17	8A-AR1-602-010		FL, BJ759GK		F	87-067-585-010	TAPPING SCREW, BVT2+4-6
18	8A-AR3-201-010		GUIDE, FL		G	87-067-579-010	TAPPING SCREW, BVT2+3-8
19	88-912-101-110		FF-CABLE, 12P 1.25 100MM		H	87-067-641-010	UTT2+3-8 (W/O SLOT) BL
20	8A-AR3-643-010		FF-CABLE, 32P 1.25 430MM		I	87-067-584-010	TAPPING SCREW, BVT2+3-6
21	88-908-101-110		FF-CABLE, 8P 1.25 10MM		J	87-067-689-010	TAPPING SCREW, BVT2+3-8
22	8A-AR3-025-010		CABI, STEEL		K	87-078-191-010	S-SCREW, IT+4-10
23	8Z-NB8-240-010		COVER, PL				
24	8Z-AR1-021-010		FOOT, REAR				
25	88-AR1-218-010		HLDR, PWB H8.9				

COLOR NAME TABLE

Basic color symbol	Color	Basic color symbol	Color	Basic color symbol	Color
B	Black	C	Cream	D	Orange
G	Green	H	Gray	L	Blue
LT	Transparent Blue	N	Gold	P	Pink
R	Red	S	Silver	ST	Titan Silver
T	Brown	V	Violet	W	White
WT	Transparent White	Y	Yellow	YT	Transparent Yellow
LM	Metallic Blue	LL	Light Blue	GT	Transparent Green
LD	Dark Blue	DT	Transparent Orange	GM	Metallic Green
YM	Metallic Yellow	DM	Metallic Orange		



アイワ株式会社 〒110-8710 東京都台東区池之端1-2-11 ☎03(3827)3111 (代表)
AIWA CO.,LTD. 2-11, IKENOHATA 1-CHOME, TAITO-KU, TOKYO 110, JAPAN TEL:03 (3827) 3111